

BONNEY WRENCHES

CATALOG No. 33

The BONNEY GUARANTEE

Every Bonney ZENEL and 'CV'

Chrome-Vanadium Wrench is
absolutely guaranteed.

There is a Bonney Wrench
for Every Purpose

BONNEY
ZENEL
WRENCHES

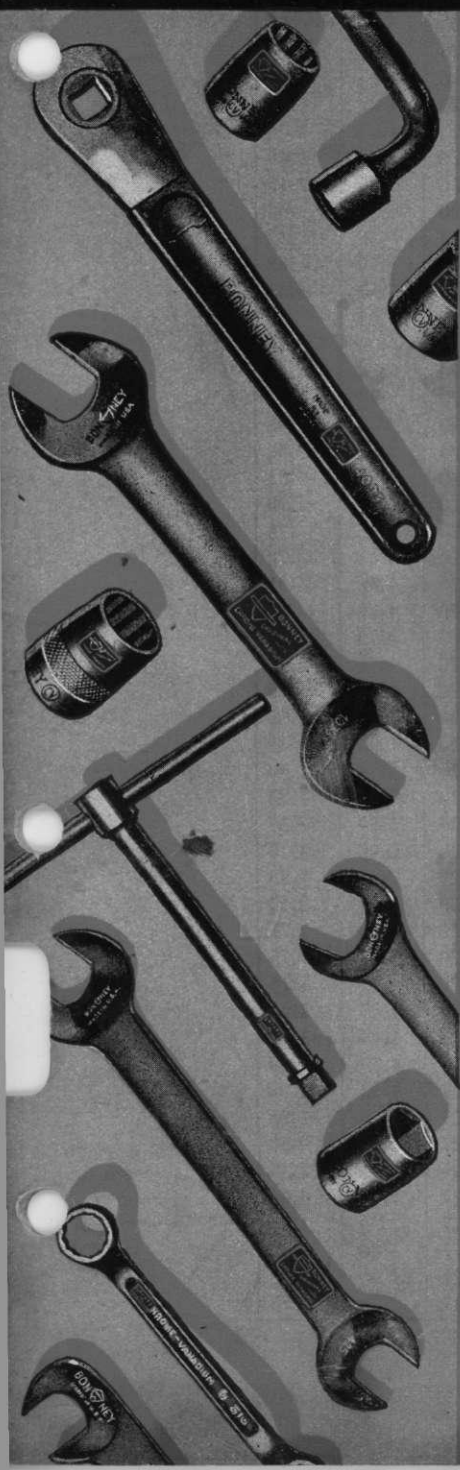


BONNEY
Chrome-Vanadium
WRENCHES

LOOK FOR THESE BONNEY TRADE MARKS

BONNEY FORGE and TOOL WORKS

Main Office . . . Allentown, Pa., U.S.A.



NUMERICAL PRICE LIST

Wrench Number	Cat. Page	List Price	Dealers' Net Price	Wrench Number	Cat. Page	List Price	Dealers' Net Price	Wrench Number	Cat. Page	List Price	Dealers' Net Price	Wrench Number	Cat. Page	List Price	Dealers' Net Price
Chrome-Vanadium				1035	20	\$1.90	\$1.30	1250	28	\$1.50	1.00	1532	26	\$1.50	1.00
309S	35	\$1.80	\$1.20	1036	20	2.65	1.75	1252	28	1.50	1.00	1533	26	1.50	1.00
401	24	.85	.55	1037	20	2.65	1.75	1256	28	1.85	1.25	1534	26	1.80	1.20
401A	24	.85	.55	1038	20	4.15	2.75	1258	28	1.85	1.25	1535	26	1.80	1.20
402	24	.85	.55	1039	20	4.15	2.75	1260	28	1.85	1.25	1536	26	2.25	1.50
402A	24	.85	.55	1040	20	4.15	2.75	1262	28	1.85	1.25	1537	26	2.25	1.50
403	24	.85	.55	1041	20	7.50	5.00	1264	28	1.85	1.25	1538	26	2.80	1.85
403A	24	.85	.55	1070	26	.60	.40	1264S	28	1.85	1.25	1539	26	2.80	1.85
404	24	.95	.65	1071	26	.80	.55	1266	28	1.85	1.25	1540	26	3.60	2.40
404A	24	.95	.65	1072	26	1.10	.75	1268	28	1.85	1.25	1541	26	3.60	2.40
405	24	.95	.65	1073	26	1.45	.95	1272	28	1.85	1.25	1700	26	.40	.25
406	24	1.05	.70	1075	26	.80	.55	1272S	28	1.85	1.25	1700S	34	.70	.45
406A	24	1.05	.70	1075A	26	.80	.55	1276	28	1.85	1.25	1701	26	.45	.30
407	24	1.05	.70	1075B	26	.80	.55	1401	27	1.10	.75	1702	26	.60	.40
407A	24	1.05	.70	1075C	26	.80	.55	1401A	27	1.10	.75	1703	26	.70	.50
408	24	1.20	.80	1077	26	1.00	.65	1402	27	1.10	.75	1704	26	.90	.60
408A	24	1.20	.80	1077A	26	1.00	.65	1402A	27	1.10	.75	1705	26	1.05	.70
408B	35	1.20	.80	1077B	26	1.00	.65	1403	27	1.10	.75	1706	26	1.20	.80
409	24	1.20	.80	1077C	26	1.00	.65	1403A	27	1.10	.75	1707	26	1.60	1.05
420A	22	.85	.55	1077S	26	1.00	.65	1404	27	1.40	.95	1708A	26	2.10	1.40
420	22	.85	.55	1079	26	1.20	.80	1404A	27	1.40	.95	1709	26	3.20	2.15
422	22	.85	.55	1079A	26	1.20	.80	1405	27	1.40	.95	1721	20	.50	.35
424	22	.95	.65	1079B	26	1.20	.80	1406	27	1.40	.95	1721BR	33	.50	.35
424A	22	.95	.65	1079C	26	1.20	.80	1450	27	1.25	.85	1722	20	.50	.35
424B	22	.95	.65	1079D	26	1.20	.80	1450A	27	1.25	.85	1723	20	.50	.35
425	22	1.05	.70	1079E	26	1.20	.80	1451	27	1.25	.85	1723A	20	.60	.40
426	22	1.05	.70	1079F	26	1.20	.80	1451A	27	1.25	.85	1724	20	.70	.45
428	22	1.20	.80	1079S	26	1.20	.80	1452	27	1.65	1.10	1725	20	.70	.45
1000	26	.40	.25	1081	26	1.50	1.00	1452A	27	1.65	1.10	1725A	20	.70	.45
1000A	26	.40	.25	1081A	26	1.50	1.00	1453	27	1.65	1.10	1725B	20	.70	.45
1001	26	.45	.30	1081B	26	1.50	1.00	1453A	27	1.65	1.10	1726	20	.85	.55
1002	26	.60	.40	1081C	26	1.50	1.00	1454	27	2.25	1.50	1727	20	.85	.55
1003	26	.70	.50	1081D	26	1.50	1.00	1454A	27	2.25	1.50	1728	20	1.05	.70
1004	26	.90	.60	1081E	26	1.50	1.00	1455	27	3.10	2.10	1729	20	1.05	.70
1005	26	1.05	.70	1083A	26	1.95	1.30	1455A	27	3.10	2.10	1730	20	1.05	.70
1006	26	1.20	.80	1083B	26	1.95	1.30	1456	27	4.15	2.80	1731	20	1.40	.95
1007	26	1.60	1.05	1083C	26	1.95	1.30	1456A	27	4.15	2.80	1731A	20	1.40	.95
1008	26	2.10	1.40	1083D	26	1.95	1.30	1457	27	5.85	3.90	1731AL	33	3.75	2.50
1009	26	3.20	2.15	1083E	26	1.95	1.30	1501	27	1.70	1.15	1731B	20	1.40	.95
1010	26	4.50	3.00	1083F	26	1.95	1.30	1501A	27	1.70	1.15	1732	20	1.40	.95
1011	26	5.80	3.85	1085	26	2.75	1.85	1502	27	1.70	1.15	1732A	20	1.40	.95
1012	26	8.00	5.35	1085A	26	2.75	1.85	1502A	27	1.70	1.15	1733	20	1.90	1.30
1020	20	.45	.30	1085B	26	2.75	1.85	1503	27	1.70	1.15	1734	20	1.90	1.30
1021	20	.50	.35	1085C	26	2.75	1.85	1503A	27	1.70	1.15	1735	20	2.65	1.75
1022	20	.60	.40	1124	34	.85	.55	1504	27	1.90	1.30	1735L	33	5.00	3.35
1023	20	.60	.40	1224	28	1.35	.90	1505	27	1.90	1.30	1736	20	2.65	1.75
1024	20	.70	.45	1224A	28	1.35	.90	1506	27	2.05	1.40	1737	20	2.65	1.75
1025	20	.70	.45	1226	28	1.35	.90	1506A	27	2.05	1.40	1738	20	4.15	2.75
1026	20	.85	.55	1228	28	1.35	.90	1507	27	2.05	1.40	1739	20	4.15	2.75
1027	20	.85	.55	1230	28	1.35	.90	1507A	27	2.05	1.40	1739A	20	4.15	2.75
1027C	20	.85	.55	1232	28	1.35	.90	1508	27	2.20	1.50	1739B	20	4.15	2.75
1028	20	1.05	.70	1232A	28	1.35	.90	1508A	27	2.20	1.50	1903	27	1.45	1.00
1028S	20	1.05	.70	1234	28	1.35	.90	1509	27	2.20	1.50	1904	27	1.45	1.00
1029	20	1.05	.70	1236	28	1.35	.90	1509A	27	2.20	1.50	1905	27	1.95	1.30
1030	20	1.05	.70	1236S	28	1.35	.90	1523	26	.55	.35	1906	27	1.95	1.30
1031	20	1.40	.95	1236X	28	1.35	.90	1524	26	.65	.45	1907	27	2.75	1.85
1032	20	1.40	.95	1238	28	1.35	.90	1525	26	.65	.45	1908	27	3.75	2.50
1033	20	1.40	.95	1240	28	1.35	.90	1526	26	.80	.55	1909	27	5.00	3.35
1033A	20	1.40	.95	1242	28	1.50	1.00	1527	26	.80	.55	1910	27	7.00	4.65
1033C	20	1.90	1.30	1244	28	1.50	1.00	1528	26	1.00	.65	1932	27	2.30	1.55
1034	20	1.90	1.30	1246	28	1.50	1.00	1529	26	1.00	.65	1934	27	2.30	1.55
1034A	20	1.90	1.30	1248	28	1.50	1.00	1530	26	1.20	.80	1936	27	2.30	1.55
1034AL	33	5.00	3.35					1531	26	1.20	.80	1940	27	2.30	1.55

NUMERICAL PRICE LIST

Wrench Number	Cat. Page	List Price	Dealers' Net Price	Wrench Number	Cat. Page	List Price	Dealers' Net Price	Wrench Number	Cat. Page	List Price	Dealers' Net Price	Wrench Number	Cat. Page	List Price	Dealers' Net Price
1944	27	\$2.30	\$1.55	2403	15	\$2.10	\$1.40	2726	25	\$.85	\$.55	2872	12	\$1.10	\$.70
1946	27	2.70	1.80	2404	15	2.10	1.40	2727	25	.85	.55	2874	12	1.20	.80
1948	27	2.70	1.80	2405	15	2.10	1.40	2728	25	1.05	.70	2879	30	2.00	1.35
1952	27	2.70	1.80	2406	15	2.10	1.40	2729	25	1.05	.70	2880	32	2.00	1.35
1956	27	2.90	1.95	2407	15	2.10	1.40	2730	25	1.05	.70	2880A	32	2.00	1.35
1958	27	2.90	1.95	2408	15	2.35	1.60	2731	25	1.40	.95	ZENEL			
1960	27	2.90	1.95	2409	15	2.35	1.60	2731A	25	1.40	.95	3021	18	.70	.45
1964	27	2.90	1.95	2410	15	2.35	1.60	2731B	25	1.40	.95	3023	18	.75	.50
1966	27	2.90	1.95	2420	32	.60	.40	2732	25	1.40	.95	3025	18	.90	.60
1970	27	2.90	1.95	2422	32	.60	.40	2732A	25	1.40	.95	3027	18	1.05	.70
2021	25	.50	.35	2424	32	.60	.40	2804	16	1.15	.70	3027C	18	1.05	.70
2022	25	.60	.40	2426	32	.60	.40	2804A	16	1.15	.70	3028S	18	1.35	.90
2023	25	.60	.40	2428	32	.60	.40	2804L	16	1.50	.90	3029	18	1.35	.90
2024	25	.70	.45	2503	15	2.65	1.75	2805	16	1.25	.75	3031	18	1.80	1.20
2025	25	.70	.45	2505	15	2.65	1.75	2805L	16	1.60	.95	3033	18	1.80	1.20
2026	25	.85	.55	2526	33	1.40	.95	2806	16	1.40	.85	3033A	18	1.80	1.20
2027	25	.85	.55	2526A	33	1.40	.95	2806L	16	1.70	1.00	3033C	18	2.25	1.50
2027C	25	.85	.55	2526B	33	1.40	.95	2807	16	1.80	1.10	3034	18	2.25	1.50
2028	25	1.05	.70	2534	33	.90	.60	2808	16	2.10	1.25	3034A	18	2.25	1.50
2028S	25	1.05	.70	2535	33	1.40	.95	2809	16	2.25	1.35	3035	18	2.25	1.50
2029	25	1.05	.70	2535A	33	1.40	.95	2810	16	2.65	1.60	3420	19	1.10	.75
2030	25	1.05	.70	2537	33	1.40	.95	2810A	16	2.65	1.60	3420A	19	1.10	.75
2031	25	1.40	.95	2538	33	1.40	.95	2811	16	2.90	1.75	3422	19	1.10	.75
2032	25	1.40	.95	2539	33	1.80	1.20	2811A	16	2.90	1.75	3424	19	1.25	.85
2033	25	1.40	.95	2539A	33	1.80	1.20	2811B	16	2.90	1.75	3424A	19	1.25	.85
2033A	25	1.40	.95	2540	30	2.80	1.85	2811C	16	2.90	1.75	3424B	19	1.25	.85
2101	15	1.25	.85	2544	32	3.00	2.00	2812	16	3.75	2.25	3425	19	1.40	.95
2102	15	1.25	.85	2545	30	.90	.60	2812A	16	3.75	2.25	3426	19	1.40	.95
2103	15	1.25	.85		31			2814	16	1.35	.80	3428	19	1.60	1.05
2104	15	1.25	.85		32			2816	16	1.40	.85	3721	18	.70	.45
2105	15	1.25	.85	2546	34	2.75	1.85	2818	16	1.50	.90	3723	18	.75	.50
2105A	31	1.25	.85	2547	34	2.75	1.85	2820	16	1.60	.95	3723A	18	.75	.50
2106	15	1.25	.85	2548	34	2.75	1.85	2822	16	1.70	1.00	3725	18	.90	.60
2107	15	1.25	.85	2549	31	2.00	1.35	2824	16	1.80	1.10	3725B	18	.90	.60
2108	15	1.50	1.00	2552	32	1.80	1.20	2825	16	1.95	1.15	3727	18	1.05	.70
2109	15	1.50	1.00	2552A	32	1.80	1.20	2826	16	1.95	1.15	3729	18	1.35	.90
2110	15	1.50	1.00	2553	32	3.60	2.35	2828	16	2.15	1.30	3731	18	1.80	1.20
2201	15	1.45	.95	2554	34	2.25	1.50	2830	16	2.30	1.40	3731A	18	1.80	1.20
2202	15	1.45	.95	2554A	34	2.25	1.50	2832	16	2.50	1.50	3733	18	2.25	1.50
2203	15	1.45	.95	2555	34	2.00	1.35	2834	16	2.75	1.65	Chrome-Vanadium			
2204	15	1.45	.95	2558	35	2.25	1.50	2836	16	3.10	1.85	4001	12	.85	\$.60
2205	15	1.45	.95	2558	35	2.25	1.50	2839	16	3.40	2.05	4002	12	1.15	.80
2206	15	1.45	.95	2561	33	1.80	1.20	2840	30	2.80	1.85	4003	12	.80	.55
2207	15	1.45	.95	2566	33	.70	.45	2843	34	1.95	1.30	4004	12	.80	.55
2208	15	1.80	1.20	2568	32	1.95	1.30	2844	30	1.50	1.00	4014	8	.60	.40
2209	15	1.80	1.20	2569	32	2.25	1.50	2847	34	1.80	1.20	4016	8	.60	.40
2210	15	1.80	1.20	2569A	32	2.25	1.50	2849	34	2.15	1.45	4018	8	.60	.40
2270A	15	2.95	1.95	2570	32	2.20	1.45	2850	35	1.80	1.20	4019	8	.60	.40
2270D	15	2.95	1.95	2572	29	1.60	1.00	2851	35	2.80	1.85	4020	8	.60	.40
2270S	15	2.95	1.95	2573	30	1.90	1.30	2854	30	1.40	.95	4021	8	.60	.40
2270S	15	2.95	1.95	2576	30	.70	.45	2855	34	2.15	1.45	4022	8	.70	.45
2271A	15	3.40	2.25	2577	31	1.50	1.00	2857	31	1.60	1.05	4024	8	.75	.50
2271D	15	3.40	2.25	2578	31	1.25	.85	2858	30	1.50	1.00	4025	8	.75	.50
2273A	15	4.50	3.00	2581	33	2.00	1.35	2862	33	3.30	2.20	4026	8	.75	.50
2274D	15	5.00	3.35	2583	33	3.40	2.25	2866	12	.80	.50	4028	8	.75	.50
2275A	15	5.65	3.75	2721	25	.50	.35	2868	12	.90	.60	4030	8	.90	.60
2275D	15	5.65	3.75	2722	25	.50	.35	2870	12	1.00	.65	4031	8	.90	.60
2275D	15	5.65	3.75	2723	25	.50	.35					4032	8	.90	.60
2276A	15	6.50	4.35	2723A	25	.60	.40					4081	8	1.80	1.20
2277A	15	7.30	4.90	2724	25	.70	.45					4082	8	1.50	1.00
2401	15	2.10	1.40	2725	25	.70	.45								
2402	15	2.10	1.40	2725A	25	.70	.45								
				2725B	25	.70	.45								

NUMERICAL PRICE LIST

Wrench Number	Cat. Page	List Price	Dealers' Net Price	Wrench Number	Cat. Page	List Price	Dealers' Net Price	Wrench Number	Cat. Page	List Price	Dealers' Net Price	Wrench Number	Cat. Page	List Price	Dealers' Net Price
4084	8	\$2.25	\$1.50	4284	13	\$5.60	\$3.75	D21	8	\$.60	\$.40	M8	6	\$.40	\$.25
4085	8	2.50	1.65	4287	13	3.25	2.15		31			M9	6	.40	.25
4086	8	1.00	.65	4290	13	2.25	1.50	D22	8	.70	.45	M10	6	.40	.25
4087	8	1.65	1.10	4291	13	2.75	1.85	D24	8	.75	.50	M11	6	.40	.25
4087A	8	1.80	1.20	4293	13	10.00	6.65	D25	8	.75	.50	M12	6	.40	.25
4090	8	.90	.60	4294	13	1.10	.75	D26	8	.75	.50	M14	6	.40	.25
4090B	8	.90	.60	4295	13	6.80	4.55	D28	8	.75	.50	MS8	6	.40	.25
4091	8	1.80	1.20	4296	12	1.15	.80	D30	8	.90	.60	MS10	6	.40	.25
4091A	8	1.70	1.15	4297	12	1.15	.80	D31	8	.90	.60	P10	11	.60	.40
4092	8	.45	.30	4298	12	1.15	.80	D32	8	.90	.60	P12	11	.60	.40
4093	8	4.00	2.70	4299	12	1.15	.80	D34	8	1.00	.65	P14	11	.60	.40
4094	8	.60	.40	6062	34	3.25	2.15	D36	8	1.10	.75	P16	11	.65	.45
4095	8	2.25	1.50	6167	30	1.25	.85	D40	8	1.20	.80	P18	11	.65	.45
4096	8	3.40	2.25	6168	30	1.30	.90	D2531	30	1.50	1.00	P20	11	.65	.45
4096A	8	3.15	2.10	6602	34	2.25	1.50	E2	29	.45	.30	P22	11	.75	.50
4112	8	.60	.40		12			E3	29	.45	.30	P24	11	.75	.50
4114	8	.60	.40	6603	34	1.00	.65	E4	29	.45	.30	T2	7	1.25	.85
4116	8	.60	.40		12	1.00	.65	E5	29	.45	.30	T3	7	2.05	1.35
4118	8	.60	.40	6603A	34			E6	29	.75	.50	T4	7	.90	.60
4120	8	.60	.40	6886	35	1.40	.95	E7	29	.60	.40	T5	7	1.25	.85
4122	8	.70	.45	6886A	30	1.40	.95	E8	29	.60	.40		7		
4124	8	.75	.50	6947	35	1.35	.90	E9	29	.60	.40	T6	35	1.80	1.20
4128	8	.75	.50	7252	35	2.25	1.50	E10	29	.60	.40		7		
4132	8	1.00	.65	7253	35	2.25	1.50	E11	29	.95	.65	T7	35	1.00	.65
4201	12	1.15	.80	7254	35	2.25	1.50	E12	29	.50	.35	T8	7	1.05	.70
4202	12	1.25	.85	7354	34	4.40	2.95		30				7		
4203	12	1.35	.90	7356	34	3.95	2.65	F18	12	.80	.55	T9	31	1.70	1.15
4204	12	1.15	.80	7357	34	1.45	.95		31			T10	7	.60	.40
4205	12	1.25	.85	7395	34	2.55	1.70	H10	21	.45	.30	T12	7	.60	.40
4206	12	1.15	.80	7396	34	2.25	1.50	H12	21	.45	.30	T14	7	.60	.40
4207	12	1.15	.80	7397	34	3.40	2.25	H14	21	.50	.35		7		
4208	12	1.15	.80	7398	34	5.65	3.75	H16	21	.50	.35	T16	31	.60	.40
4209	12	1.15	.80	7399	34	2.80	1.85	H18	21	.50	.35		35		
4210	12	1.50	1.00	7596	34	4.20	2.80	HD28	13	.90	.60	T18	7	.60	.40
4211	12	1.50	1.00	7599	35	1.45	.95	HD30	13	1.00	.65	T20	7	.60	.40
4228	13	.90	.60	7750	35	2.80	1.85	HD31	13	1.00	.65	T22	7	.70	.45
4230	13	1.00	.65	7797	34	3.10	2.05	HD32	13	1.10	.75	T24	7	.70	.45
4231	13	1.00	.65	7889	35	2.90	1.90	HD34	13	1.10	.75	T27	7	.70	.45
4232	13	1.10	.75	7940	32	2.25	1.50	HD36	13	1.20	.80	T28	7	3.25	2.15
				7941	32	2.25	1.50	HD38	13	1.20	.80	T29A	7	.45	.30
4234	13	1.10	.75	7942	32	1.00	.65	HD40	13	1.30	.90	T30	7	2.50	1.70
4236	13	1.20	.80	7944	32	2.25	1.50	HD42	13	1.30	.90	T31	7	.70	.45
				7945	35	2.25	1.50	HD44	13	1.40	.95		31		
4238	13	1.20	.80	8385	32	3.40	2.25	HD46	13	1.60	1.05	T50	32	1.10	.75
	30			8386	32	2.25	1.50	HD48	13	1.80	1.20	X29	14	2.00	1.30
4240	13	1.30	.90	A14	8	.75	.50	HD50	13	1.90	1.25	X30	14	2.90	1.95
4242	13	1.30	.90	A16	8	.75	.50	HD52	13	2.00	1.30	X31	14	1.50	1.00
4244	13	1.40	.95	A18	8	.75	.50	LD16	11	.95	.65	X32	14	2.50	1.65
4246	13	1.60	1.05	A19	8	.75	.50	LD18	11	.95	.65	X33	14	2.50	1.65
4248	13	1.80	1.20	A20	8	.75	.50	LD20	11	1.05	.70	X46	14	1.85	1.25
	30			A22	8	.75	.50	LD22	11	1.05	.70	X48	14	2.35	1.60
4252	13	2.00	1.30	A24	8	.90	.60	LD24	11	1.05	.70	X52	14	2.60	1.75
4254	13	2.25	1.50	A25	8	.90	.60	LD25	11	1.05	.70	X58	14	3.20	2.15
4256	13	2.50	1.65	A26	8	.90	.60	LD26T	11	1.05	.70	X64	14	3.60	2.40
	31			A28	8	.90	.60	LD28	11	1.05	.70	X70	14	4.50	3.00
4258	13	2.75	1.85	A30	8	1.00	.65	LD28T	11	1.05	.70	X74	14	6.00	4.00
	30			A31	8	1.00	.65	LD30	11	1.15	.80	X76	14	7.50	5.00
4260	13	2.75	1.85	A32	8	1.00	.65		11			X78	14	7.75	5.15
4264	13	3.00	2.00	D14	8	.60	.40	LD32	30	1.25	.85	X80	14	8.00	5.35
4266	13	3.50	2.35	D16	8	.60	.40	LD32T	11	1.25	.85	X82	14	9.30	6.20
4268	13	3.75	2.50	D18	8	.60	.40	LD36	11	1.40	.95	X84	14	10.50	7.00
4270	13	4.00	2.70	D19	8	.60	.40	M4	6	.90	.60	X86	14	11.75	7.85
4272	13	4.50	3.00	D20	8	.60	.40	M5	6	.90	.60	X88	14	13.50	9.00

NUMERICAL PRICE LIST

Wrench Number	Cat. Page	List Price	Dealers' Net Price	Wrench Number	Cat. Page	List Price	Dealers' Net Price	Wrench Number	Cat. Page	List Price	Dealers' Net Price	Wrench Number	Cat. Page	List Price	Dealers' Net Price
Stillson Wrenches				31-CB	17	\$ 9.35	\$5.60	K-MB	11	\$17.00	\$10.20	TD2		\$2.25	\$1.35
6"	29	\$1.15	\$.75	31-LR	17	10.20	6.15	LD-CB	11	4.85	3.30	W		3.00	1.80
8"	29	1.25	.80	33-CB	17	15.75	9.45	MC	10	103.45	62.00	WD		3.00	1.80
10"	29	1.35	.90	33-MB	17	18.00	10.80	R-MB	9	30.10	18.05	WS		3.00	1.80
12"	29	1.60	1.05	34-CB	17	19.55	11.75	RD-MB	9	30.10	18.05	XH		4.60	2.75
14"	29	1.90	1.25	34-MB	17	21.80	13.10	RS-MB	9	31.50	18.90	33		2.25	1.35
18"	29	2.70	1.80	37-CB	33	26.55	15.95	TD-MB	7	9.35	5.60	34		2.25	1.35
24"	29	3.95	2.65	37-LR	33	28.45	17.10	TD1	7	12.60	7.55	412		.80	.50
36"	29	7.20	4.80	38-CB	33	15.90	9.60	TD2	7	24.70	14.80	Leatherette Rolls			
Wrench Sets				38-LR	33	17.10	10.30	W-MB	9	23.00	13.80	18		.60	.40
18-CB	29	5.90	3.60	40-CB	25	4.50	2.70	WD-MB	9	23.00	13.80	20		.40	.25
18-LR	29	6.60	4.00	40-LR	25	5.30	3.20	WS-MB	9	24.40	14.65	22		.70	.45
20-CB	21	2.40	1.65	77	29	12.30	7.40	XH-MB	14	41.60	24.95	25		.85	.50
20-LR	21	2.80	1.90	412-CB	24	7.20	4.30	Metal Boxes				29		.50	.30
22-CB	22	5.70	3.40	412-LR	24	8.00	4.80	A2		1.70	1.00	31		.85	.50
22-LR	22	6.40	3.85	412-MB	24	8.00	4.80	D2		1.70	1.00	37		1.90	1.15
Z-22-CB	19	7.50	4.50	A1-CB	10	11.10	6.65	ES		.50	.30	38		1.20	.70
Z-22-LR	19	8.30	5.00	A2-CB	10	14.50	8.70	H		3.00	1.80	40		.80	.50
Z-23-LR	19	10.50	6.30	A2-MB	10	16.20	9.70	HD		3.00	1.80	412		.80	.50
25-CB	21	6.40	3.85	D2-CB	9	12.50	7.50	K		1.80	1.10	Z-22		.80	.50
25-LR	21	7.25	4.35	D2-MB	9	14.20	8.50	MC		11.25	6.75	Z-23		.80	.50
Z-25-CB	18	8.05	4.85	ES-MB	6	5.50	3.30	R		4.30	2.60	Z-25		.90	.55
Z-25-LR	18	8.95	5.40	G-CB	9	7.60	4.55	RD		4.30	2.60	Z-26		.90	.55
Z-26-LR	18	9.90	5.95	H-MB	13	34.75	20.85	RS		4.30	2.60				
29-CB	17	3.80	2.30	HD-MB	13	34.75	20.85	TD		.90	.55				
29-LR	17	4.30	2.60					TD1		.90	.55				

No mechanic's outfit is complete unless it contains a generous assortment of Bonney Wrenches. He needs wrenches that do the job better and quicker.

Bonney Wrenches are made to exceptionally high standards, only the best selected steel is used, their designs are correct and they are strong and light in weight.

The Bonney line is complete. It contains a full range of sockets, handles and attachments from extra small to extra-heavy duty, open-end, box, special and aircraft Wrenches — *in fact a wrench for every purpose.*

THREE BONNEY WRENCH LINES

Three lines of Bonney Wrenches are produced. **ZENEL** Wrenches, Bonney's latest achievement, are by far the strongest wrenches on the market.

'CV' *Chrome-Vanadium* Wrenches were the first alloy steel wrenches made. They were developed and pioneered by Bonney, and have always set the standard for quality and excellence in design and finish.

Bonney Carbon Steel Wrenches are also widely known for their superior qualities.

COMPLETE LINE OF SPECIAL WRENCHES

Bonney takes just pride in its line of Special Wrenches. It contains a wrench for almost every job on which a special wrench is required. Special Wrenches for Chevrolet and Ford cars are shown on pages 30 and 31, miscellaneous special wrenches on page 32. Bonney invites any mechanic who requires a special wrench which is not listed to write, giving full information.

GUARANTEES

Every Bonney 'CV' *Chrome-Vanadium* Wrench is guaranteed not to break or spread. We will replace free of charge any wrench which does not stand up to this guarantee. For Bonney **ZENEL** Wrenches we say: Write your own guarantee.

HOW TO ORDER BONNEY WRENCHES

Mechanics who desire Bonney Wrenches should get in touch with their local jobber, or if no jobber is located in the territory, write direct to Bonney. All prices to mechanics are Dealers' Net. *Prices subject to change without notice.*

NATIONALLY ADVERTISED

Bonney Wrenches are nationally advertised. All the leading trade papers carry advertisements. Each month new items are announced in the New Equipment sections of over fifty automotive papers.

ELECTROTYPES SUPPLIED FREE

Electrotypes of any wrench or set illustrated in this catalog are supplied to jobbers who desire to catalog or advertise these products. Advertising copy and layouts are also prepared for local campaigns. Communicate with the Advertising Department, Allentown, Pennsylvania.

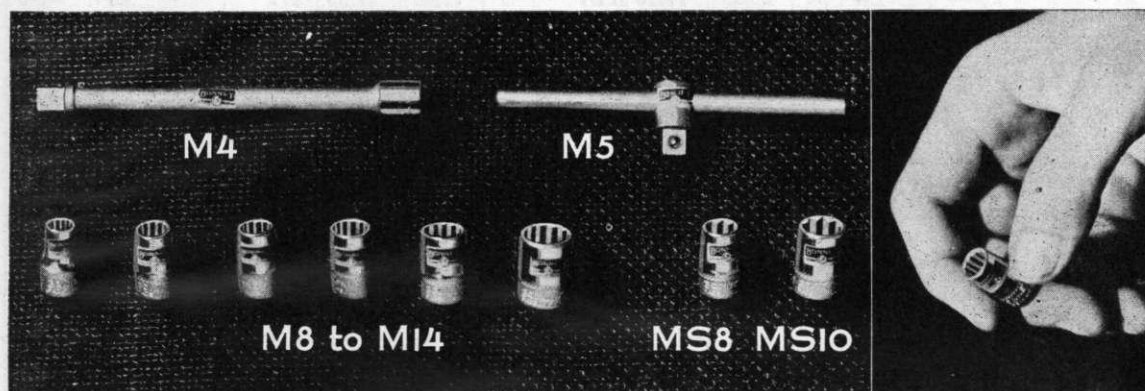
SPECIAL FORGINGS

Bonney produces special automotive and industrial drop forgings. When requesting quotations, include blue prints and specifications.

Bonney Forge and Tool Works..Allentown, Pa.

'CV' Chrome-Vanadium Extra-Small Socket Series

$\frac{9}{32}$ Square-Drive



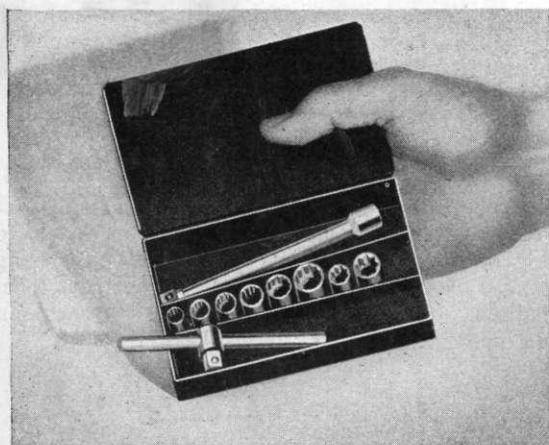
The Bonney 'CV' Chrome-Vanadium Extra-Small Socket Series is designed to meet the demands of mechanics for making adjustments on magnetos, generators, carburetors, radios,

wiring connections, etc. They are made from Chrome-Vanadium Steel and carry the regular Bonney guarantee not to break or spread.

EXTRA-SMALL SERIES SOCKETS and HANDLES

DOUBLE-HEXAGON			DOUBLE-SQUARE			HANDLES		
No.	Opening	Dealers' Net	No.	Opening	Dealers' Net	No.	Description	Dealers' Net
M8	$\frac{1}{4}$ " Double-Hex.	\$0.25	MS8	$\frac{1}{4}$ " Double-Square	\$0.25	M4	Extension $4\frac{1}{2}$ " Long	\$0.60
M9	$\frac{9}{32}$ " Double-Hex.	.25	MS10	$\frac{5}{16}$ " Double-Square	.25	M5	Sliding T, 4" Long	.60
M10	$\frac{5}{16}$ " Double-Hex.	.25						
M11	$\frac{11}{32}$ " Double-Hex.	.25						
M12	$\frac{3}{8}$ " Double-Hex.	.25						
M14	$\frac{7}{16}$ " Double-Hex.	.25						

EXTRA-SMALL SOCKET SERIES SET No. ES



The No. ES Extra-Small Socket Set finds wide use for making adjustments on magnetos, generators, carburetors, radios, wiring connections, etc. It contains the six extra-small double-hexagon and two double-square sockets listed in the above table. The M4 Extension and M5 Sliding "T" are also included. Each piece is made from Chrome-Vanadium Steel and carries the Bonney guarantee.

Packed in compact metal box which can easily be slipped into the pocket.

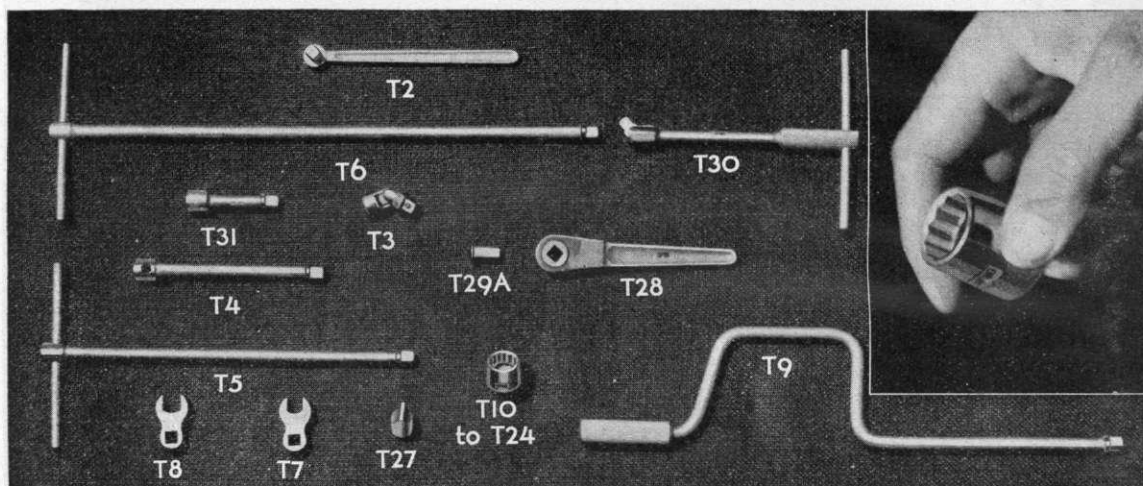
Price Dealers' Net

ES Set in Metal Box.....\$3.30

BONNEY 'CV' Chrome-Vanadium Wrenches

'CV' Chrome-Vanadium Small Socket Series

$\frac{3}{8}$ inch Square Drive



SMALL SERIES HANDLES and ATTACHMENTS

No.	Description	Dealers' Net	No.	Description	Dealers' Net
T2	Offset Handle.....	\$0.85	T8	Crowfoot Attachment, $\frac{9}{16}$ " Opening	\$0.70
T3	Universal Joint.....	1.35	T9	Speeder.....	1.15
T4	Extension 6" Long.....	.60	T27	Drag Link Socket.....	.45
T5	"T" Handle, 12" Long.....	.85	T28	Ratchet Handle, with Lug.....	2.15
T6	"T" Handle, 17" Long.....	1.20	T29A	Extra Lug for Ratchet.....	.30
T7	Crowfoot Attachment, $\frac{1}{2}$ " Opening	.65	T30	Hinge Handle.....	1.70
			T31	Extension, 3" Long.....	.45

SMALL SERIES SOCKETS

No.	Opening	Dealers' Net	No.	Opening	Dealers' Net
T10	$\frac{5}{16}$ " Double-Hexagon.....	\$0.40	T18	$\frac{9}{16}$ " Double-Hexagon.....	\$0.40
T12	$\frac{3}{8}$ " Double-Hexagon.....	.40	T20	$\frac{5}{8}$ " Double-Hexagon.....	.40
T14	$\frac{7}{16}$ " Double-Hexagon.....	.40	T22	$\frac{11}{16}$ " Double-Hexagon.....	.45
T16	$\frac{1}{2}$ " Double-Hexagon.....	.40	T24	$\frac{3}{4}$ " Double-Hexagon.....	.45

SMALL SOCKET SERIES SETS Nos. TD, TD1 and TD2

Illustration TD2 Set

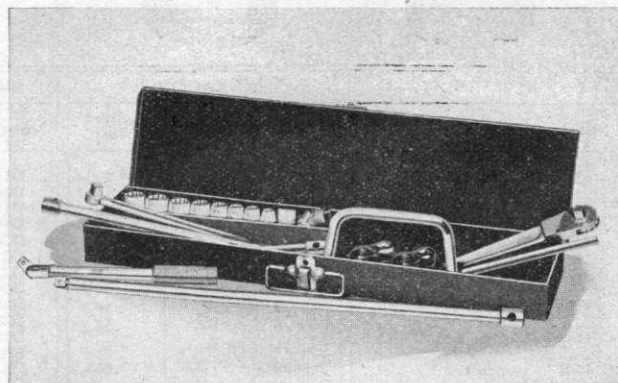
The TD Set contains sockets numbers T12 to T20 and T2, T3, T4 and T5 handles. All have $\frac{3}{8}$ " inch drives.

No. TD1 Set includes sockets numbers T12 to T20 inclusive and the T2, T3, T4, T5, T28 handles and attachments. All have $\frac{3}{8}$ " inch drive.

TD2 Set is very complete. It contains sockets T10 to T24 inclusive and handles and attachments T2, T3, T4, T5, T6, T9, T28 and T30. Crowfoot attachments T7 and T8 and Drag Link Socket T27 are also included.

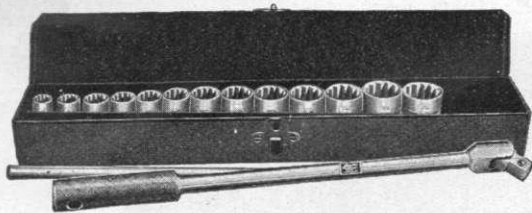
All three sets come packed in attractive metal boxes.

Set No.	Prices Dealers' Net
TD Set in Metal Box.....	\$5.60
TD1 Set in Metal Box.....	7.55
TD2 Set in Metal Box.....	14.80



Bonney Forge and Tool Works..Allentown, Pa.

Socket Set No. A2

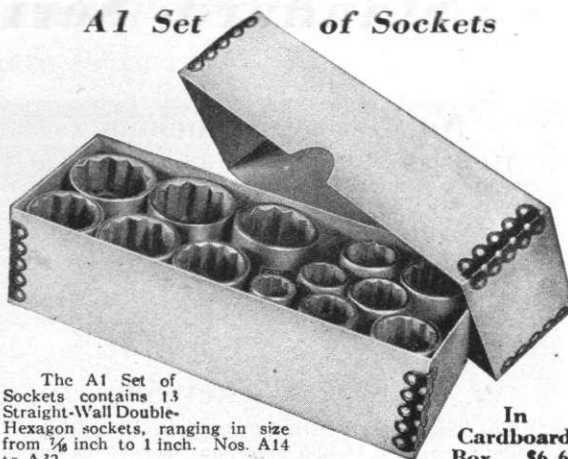


Bonney Socket Set No. A2 contains one No. 4096 Hinge-Handle and 13 Straight-Wall Double-Hexagon sockets ranging in size from $\frac{1}{16}$ inch to 1 inch. Nos. A14 to A32.

Prices Dealers' Net

In Cardboard Box.....\$8.70
In Metal Box.....9.70

A1 Set of Sockets



The A1 Set of Sockets contains 13 Straight-Wall Double-Hexagon sockets, ranging in size from $\frac{1}{16}$ inch to 1 inch. Nos. A14 to A32.

In Cardboard Box...\$6.65

Bonney MC Bench Set

Here is the Bonney 'MC' Bench Set, a 73 piece set for all-around work in the garage. Mechanics everywhere consider it an all purpose set that is difficult to beat. Every Wrench in the Bonney MC Set is made of *Chrome-Vanadium Steel*, is light in weight, is strong and sturdy, and carries the well-known Bonney Guarantee not to break or spread.

The chest in which the Bench Set comes is $23\frac{1}{2}$ inches long, 12 inches wide and 9 inches high. Weight of chest and set complete is 62 lbs.

Price Dealers' Net.....\$62.00

HANDLES and ATTACHMENTS

No.	Description	Dealers' Net
4081	Outset.....	\$1.20
4084	Brace 13".....	1.50
4085	Speeder 20".....	1.65
4087	Sliding "T".....	1.10
4090	Extension 5".....	.60
4091	Extension 10".....	1.20
4092	Cross Handle.....	.30
4093	Ratchet.....	2.70
4095	Universal Joint.....	1.50
4096	Hinge Handle.....	2.25
T2	Offset.....	.85
T3	Universal Joint.....	1.35
T4	Extension 6".....	.60
T5	"T" Handle 12".....	.85
T9	Speeder.....	1.15
T30	Hinge Handle.....	1.70
T28	Ratchet.....	2.15
4287	Sliding "T".....	2.15
4290	Extension 8 $\frac{1}{2}$ ".....	1.50
4291	Extension 17".....	1.85

SOCKETS

T12	$\frac{3}{16}$ Double Hex.....	.40
T14	$\frac{1}{4}$ Double Hex.....	.40
T16	$\frac{5}{16}$ Double Hex.....	.40
T18	$\frac{3}{8}$ Double Hex.....	.40
T20	$\frac{7}{16}$ Double Hex.....	.40
4114	$\frac{1}{2}$ Square.....	.40
4116	$\frac{5}{8}$ Square.....	.40
4118	$\frac{3}{4}$ Square.....	.40
D14	$\frac{1}{4}$ Double Hex.....	.40
D16	$\frac{5}{16}$ Double Hex.....	.40
D18	$\frac{3}{8}$ Double Hex.....	.40
D19	$\frac{7}{16}$ Double Hex.....	.40
D20	$\frac{1}{2}$ Double Hex.....	.40
D21	$\frac{5}{8}$ Double Hex.....	.40
D22	$\frac{3}{4}$ Double Hex.....	.40
D24	$\frac{1}{2}$ Double Hex.....	.50
D25	$\frac{5}{8}$ Double Hex.....	.50
D26	$\frac{3}{4}$ Double Hex.....	.50
D28	$\frac{7}{8}$ Double Hex.....	.50



SOCKETS

No.	Description	Dealers' Net
D30	$\frac{15}{16}$ Double Hex.....	\$0.60
D31	$\frac{1}{2}$ Double Hex.....	.60
D32	1 Double Hex.....	.60
4001	Drag Link $\frac{15}{16}$ ".....	.60
4002	Drag Link $1\frac{1}{4}$ ".....	.80
LD32	Extra Deep $1\frac{1}{8}$ ".....	.85
LD36	Extra Deep $1\frac{1}{2}$ ".....	.95
HD34	Heavy Duty $1\frac{1}{8}$ ".....	.75
HD36	Heavy Duty $1\frac{1}{2}$ ".....	.80
HD40	Heavy Duty $1\frac{3}{4}$ ".....	.90
HD44	Heavy Duty $1\frac{7}{8}$ ".....	.95
HD46	Heavy Duty $1\frac{15}{16}$ ".....	1.05
HD48	Heavy Duty $1\frac{1}{2}$ ".....	1.20
HD52	Heavy Duty $1\frac{3}{4}$ ".....	1.30
2866	$\frac{1}{2}$ Crowfoot Box.....	.50
2868	$\frac{5}{8}$ Crowfoot Box.....	.60
2870	$\frac{3}{4}$ Crowfoot Box.....	.65
2874	$\frac{7}{8}$ Crowfoot Box.....	.80

WRENCHES

No.	Description	Dealers' Net
H10	$\frac{3}{16}$ & $\frac{1}{4}$ Eng.....	\$0.30
H12	$\frac{1}{4}$ & $\frac{5}{16}$ Eng.....	.30
H14	$\frac{5}{16}$ & $\frac{11}{16}$ Eng.....	.35
H16	$\frac{3}{8}$ & $\frac{1}{2}$ Eng.....	.35
H18	$\frac{7}{16}$ & $\frac{15}{16}$ Eng.....	.35
1725B	$\frac{1}{2}$ & $\frac{5}{8}$ Eng.....	.45
1727	$\frac{5}{8}$ & $\frac{3}{4}$ Eng.....	.55
1729	$\frac{3}{4}$ & $\frac{7}{8}$ Eng.....	.70
1731A	$\frac{3}{4}$ & $\frac{1}{2}$ Eng.....	.95
1033C	$\frac{15}{16}$ & 1 Eng.....	1.30
2725B	$\frac{1}{2}$ & $\frac{5}{8}$ R. Angle.....	.45
2727	$\frac{5}{8}$ & $\frac{3}{4}$ R. Angle.....	.55
2804	$\frac{3}{8}$ & $\frac{1}{2}$ D. H. Box.....	.70
2805	$\frac{1}{2}$ & $\frac{5}{8}$ D. H. Box.....	.75
2807	$\frac{5}{8}$ & $\frac{3}{4}$ D. H. Box.....	1.10
2809	$\frac{3}{4}$ & $\frac{15}{16}$ D. H. Box.....	1.35

BONNEY 'CV' Chrome-Vanadium Wrenches

'CV' Chrome-Vanadium Extra Deep Sockets



Bonney Extra Deep Sockets of the LD Series are becoming decidedly popular with mechanics. They find many applications in automotive work, but are especially suitable for removing and replacing spark plugs. Their overall length, $3\frac{1}{4}$ inches, and the exceptional depth of their openings give them an added advantage

over ordinary sockets of a similar type. All are designed with $\frac{1}{2}$ inch square drive, and their Double-Hexagon openings range from $\frac{1}{2}$ inch to $1\frac{1}{8}$ inches. In addition, they are made of *Chrome-Vanadium Steel*, and are Chrome-plated to a high permanent lustre. The table below shows the various sizes in the "LD" series.

LD Extra Deep Sockets

Number	Openings	Length	Diameter	Dealers' Net
LD16	$\frac{1}{2}$	$3\frac{1}{4}$	$\frac{3}{4}$	\$0.65
LD18	$\frac{9}{16}$	$3\frac{1}{4}$	$1\frac{1}{16}$	.65
LD20	$\frac{5}{8}$	$3\frac{1}{4}$	$\frac{7}{8}$	.70
LD22	$1\frac{1}{16}$	$3\frac{1}{4}$	$1\frac{1}{16}$	.70
LD24	$\frac{3}{4}$	$3\frac{1}{4}$	$1\frac{1}{2}$	.70
LD25	$2\frac{5}{16}$	$3\frac{1}{4}$	$1\frac{1}{16}$	.70
LD26T	$1\frac{3}{16}$	$3\frac{1}{4}$	$1\frac{1}{16}$	.70
LD28	$\frac{7}{8}$	$3\frac{1}{4}$	$1\frac{3}{16}$	.70
LD28T	$\frac{7}{8}$	$3\frac{1}{4}$	$1\frac{3}{16}$	.70
LD30	$1\frac{5}{16}$	$3\frac{1}{4}$	$1\frac{1}{4}$	.80
LD32	1	$3\frac{1}{4}$	$1\frac{3}{8}$	.85
LD32T	1	$3\frac{1}{4}$	$1\frac{3}{8}$	.85
LD36	$1\frac{1}{8}$	$3\frac{1}{4}$	$1\frac{1}{2}$	.95

No. LD Spark Plug Set



The Bonney LD Spark Plug Set contains four 'CV' *Chrome-Vanadium* Extra-Deep Sockets, Nos. LD26T, LD28T, LD32 and LD36. The LD set may be used with any handle having a $\frac{1}{2}$ inch square drive.

Price Dealers' Net

In Cardboard Box.....\$3.30

'CV' Chrome-Vanadium Drain Plug Squares



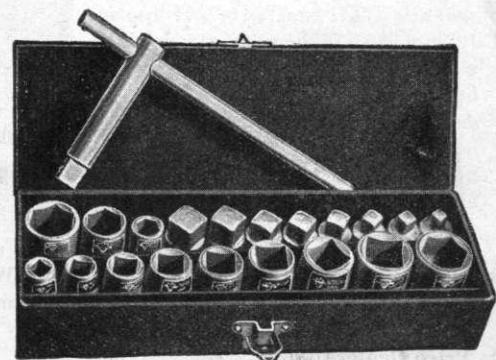
Bonney Drain Plug Squares of the P Series consist of eight numbers, their sizes ranging from a $\frac{5}{16}$ inch square to the $\frac{3}{4}$ inch square. They may be used with any handle or attachment equipped with a $\frac{1}{2}$ inch square drive. They are designed for use on Drain Plugs with square female openings.

No. K Drain Plug Set consists of 8 Drain Plug Squares, 12 Sockets, and a "T" handle with a $\frac{1}{2}$ inch square drive. The K Set will remove Drain Plugs on the crank case, transmission, and differential housing of most cars.

Price Dealers' Net

In Metal Box.....\$10.20

Number	Size	Dealers' Net
P10	$\frac{5}{16}$	\$0.40
P12	$\frac{3}{8}$	.40
P14	$\frac{7}{16}$	.40
P16	$\frac{1}{2}$	.45
P18	$\frac{9}{16}$	.45
P20	$\frac{5}{8}$	.45
P22	$1\frac{1}{16}$	.50
P24	$\frac{3}{4}$	.50



Bonney Forge and Tool Works..Allentown, Pa.

'CV' Chrome-Vanadium Special Sockets

Ford V8 Connecting Rod Socket



No. F18 - Special Socket for adjusting Ford V8 connecting rod bearing cap nuts. It has a $\frac{9}{16}$ inch double-hexagon opening and a $\frac{1}{2}$ inch square drive. The nose of the socket is very thin to make this adjustment easy. Made from *Chrome-Vanadium Steel*.

Price Dealers' Net \$0.55

Special Alemite Socket



No. 4003 — This Special Alemite Socket is a very convenient tool for installing Alemite fittings. Equipped with $\frac{1}{2}$ inch square drive. It is made of *Chrome-Vanadium Steel* and is *Chrome-plated*.

Price Dealers' Net \$0.55

Special Brake Socket



No. 4004 — Special Brake Socket is designed to adjust brakes on Chevrolet "4" cylinder cars. Made of *Chrome-Vanadium Steel*, *Chrome-plated* and has a $\frac{1}{2}$ inch square drive.

Price Dealers' Net \$0.55

Drag Link Sockets



No. 4001 — Drag Link Socket is suitable for passenger cars. Width of blade $1\frac{1}{16}$ inch, with $\frac{1}{2}$ inch square drive.

Price Dealers' Net \$0.60

No. 4002 — Drag Link Socket is used for adjusting drag links on trucks. Width of blade $1\frac{1}{4}$ inches. Has $\frac{1}{2}$ inch square drive.

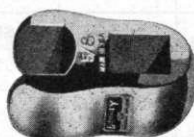
Price Dealers' Net \$0.80

CROWFOOT ATTACHMENTS



Bonney 'CV' *Chrome-Vanadium* Crowfoot attachments are useful for making adjustments in hard-to-get-at places. Equipped with standard $\frac{1}{2}$ inch drive.

No.	Openings	Dealers' Net
2866	$\frac{1}{2}$ " Double-Hexagon	\$0.50
2868	$\frac{9}{16}$ " Double-Hexagon .....	.60
2870	$\frac{5}{8}$ " Double-Hexagon .....	.65
2872	$1\frac{1}{16}$ " Double-Hexagon .....	.70
2874	$\frac{3}{4}$ " Double-Hexagon .....	.80



Bonney Special Crowfoot open-end attachments are made of *Chrome-Vanadium Steel* and are buffed to a high permanent finish. Designed to be used with handles having $\frac{1}{2}$ inch standard drive.

No.	Openings	Dealers' Net
6603	$\frac{5}{8}$ " Open-end	\$0.65
6603A	$\frac{9}{16}$ " Open-end .....	.65

ADAPTORS



This series of Bonney 'CV' *Chrome Vanadium Steel* adaptors is designed with square female openings. All have square male drive. They are *Chrome-plated*.

No.	Openings	Dealers' Net
4296	$\frac{5}{8}$ " Sq. Female & $\frac{3}{4}$ " Sq. Male	\$0.80
4297	$\frac{3}{4}$ " Sq. Female & $\frac{5}{8}$ " Sq. Male .....	.80
4298	$\frac{1}{2}$ " Sq. Female & $\frac{3}{4}$ " Sq. Male .....	.80
4299	$\frac{3}{4}$ " Sq. Female & $1\frac{1}{2}$ " Sq. Male .....	.80
4204	$\frac{3}{4}$ " Sq. Female & $1\frac{1}{2}$ " Sq. Male .....	.80
4206	$\frac{1}{2}$ " Sq. Female & $\frac{3}{4}$ " Sq. Male .....	.80
4208	$\frac{1}{2}$ " Sq. Female & $\frac{5}{8}$ " Sq. Male .....	.80
4209	$\frac{5}{8}$ " Sq. Female & $1\frac{1}{2}$ " Sq. Male .....	.80
4210	$\frac{1}{2}$ " Sq. Female & $\frac{3}{4}$ " Sq. Male	1.00
4211	$\frac{3}{4}$ " Sq. Female & $1\frac{1}{2}$ " Sq. Male	1.00

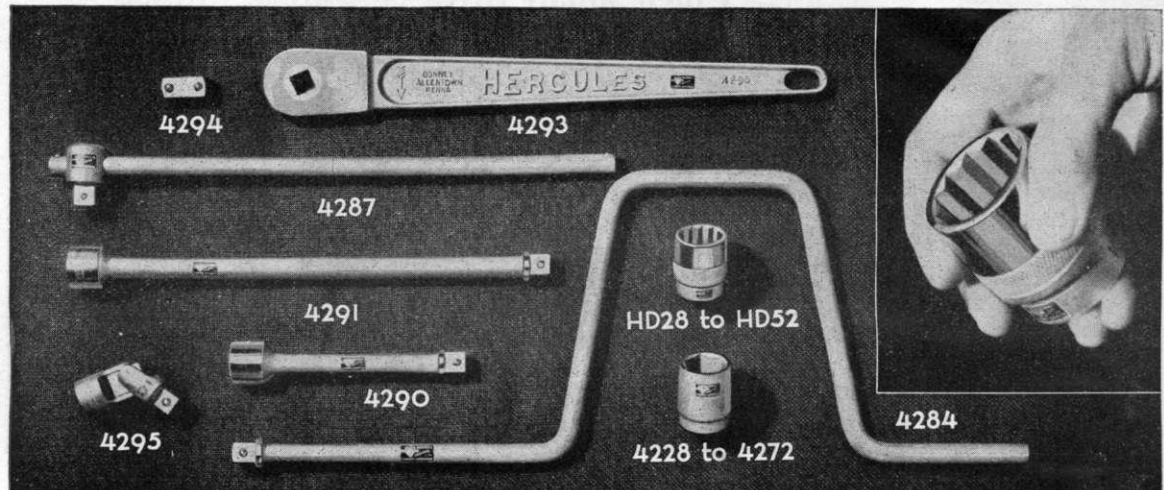


This series of adaptors is designed for use with Ratchet Handles. Made of *Chrome-Vanadium Steel* and *Chrome-plated*.

No.	Openings	Dealers' Net
4201	$\frac{1}{2}$ " Square & $\frac{5}{8}$ " Square	\$0.80
4202	$\frac{1}{2}$ " Square & $\frac{3}{4}$ " Square .....	.85
4203	$\frac{3}{4}$ " Square & $1\frac{1}{2}$ " Square .....	.90
4205	$\frac{5}{8}$ " Square & $\frac{3}{4}$ " Square .....	.85
4207	$\frac{3}{4}$ " Square & $1\frac{1}{2}$ " Square .....	.80

BONNEY 'CV' Chrome-Vanadium Wrenches

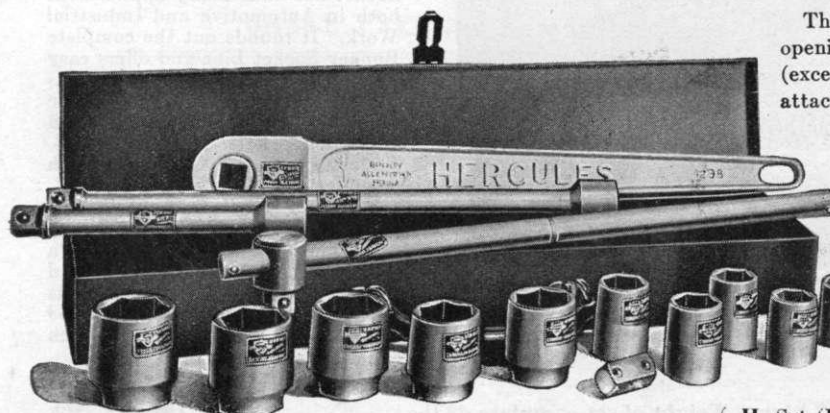
'CV' Chrome-Vanadium Heavy-Duty Socket Series 3/4 inch Square Drive



HEAVY-DUTY SOCKETS, HANDLES and ATTACHMENTS

HEXAGON			DOUBLE-HEXAGON			HANDLES and ATTACHMENTS		
Number	Opening	Dealers' Net	Number	Opening	Dealers' Net	Number	Description	Dealers' Net
4228	7/8	\$0.60	HD28	7/8	\$0.60	4284	Brace.....	\$ 3.75
4230	15/16	.65	HD30	15/16	.65	4287	Sliding "T" Hdle. 20" Long....	2.15
4231	1 1/32	.75	HD31	1 1/32	.65	4290	Extension 8 1/2" Long.....	1.50
4232	1 1/16	.75	HD32	1	.75	4291	Extension 17" Long.....	1.85
4234	1 1/8	.80	HD34	1 1/16	.75	4293	Ratchet Hdle. 20" Long, with Lug	6.65
4236	1 3/8	.80	HD36	1 3/8	.80	4294	Extra Lug for Ratchet.....	.75
4238	1 1/2	.90	HD38	1 1/2	.90	4295	Universal Joint.....	4.55
4240	1 5/8	.90	HD40	1 3/4	.90			
4242	1 3/4	.95	HD42	1 5/8	.90			
4244	1 7/8	1.05	HD44	1 7/8	.95			
4246	1 15/16	1.20	HD46	1 7/16	1.05			
4248	1 1/2	1.30	HD48	1 3/2	1.20			
4252	1 11/16	1.50	HD50	1 9/16	1.25			
4254	1 1/8	1.65	HD52	1 5/8	1.30			
4256	1 1/4	1.85						
4258	1 1/2	2.00						
4260	1 3/8	2.35						
4264	2	2.50						
4266	2 1/8	2.70						
4268	2 1/4	3.00						
4270								
4272								

Hercules HEAVY-DUTY Socket Sets Nos. H and HD



These sets contain ten sockets having openings ranging from 15/16 to 1 5/8 inches (except 1 3/16", 1 1/16", and 1 1/8"), also four attachments, Nos. 4287, 4290, 4291 and 4293. They are specially designed for extremely hard service, and as the name "Hercules" implies, are so proportioned that although light in weight, they have a very large reserve strength factor.

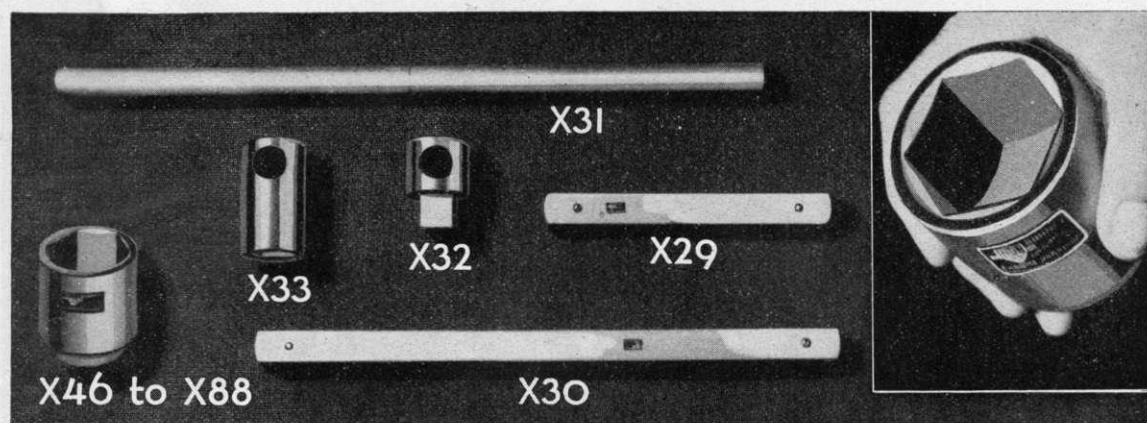
Prices Dealers' Net

Complete in Metal Box { H Set (Hexagon Sockets) \$20.85
HD Set (Double Hex. Sockets) 20.85

Bonney Forge and Tool Works..Allentown, Pa.

Extra Heavy-Duty Socket Series

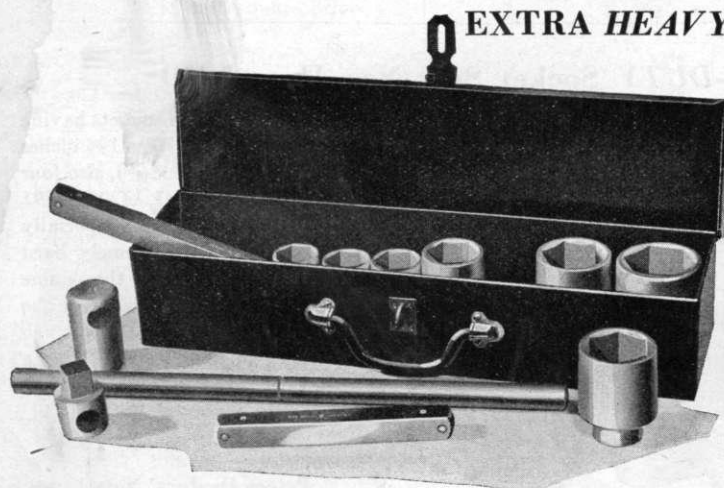
1 inch Square Drive



EXTRA HEAVY-DUTY SOCKETS, HANDLES and ATTACHMENTS

HEXAGON						No.	Description	Dealers' Net
No.	U. S. S. Bolt Size	Hex. Head Cap Screws	S. A. E. Nut & Cap Screws	Am. Std. Bolts & Nuts	Size Opening			
X46	$\frac{7}{8}$	1	1	1	$1\frac{1}{16}$			\$1.25
X48	$1\frac{1}{4}$	$1\frac{1}{4}$	1	1	$1\frac{1}{2}$	X29	Extension 9" Long	\$1.30
X52	1	$1\frac{3}{8}$	$1\frac{1}{8}$		$1\frac{3}{8}$			1.75
X58	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{1}{4}$		$1\frac{13}{16}$	X30	Extension 18" Long	1.95
X64	$1\frac{1}{4}$	$1\frac{3}{8}$	$1\frac{3}{8}$		2			2.40
X70	$1\frac{3}{8}$	$1\frac{1}{2}$	$1\frac{1}{2}$		$2\frac{3}{16}$	X31	Sliding Bar 22" Long	1.00
X74					$2\frac{5}{16}$			4.00
X76	$1\frac{1}{2}$				$2\frac{3}{8}$			5.00
X78					$2\frac{7}{16}$	X32	Drive Head (Male)	1.65
X80					$2\frac{1}{2}$			5.35
X82	$1\frac{5}{8}$				$2\frac{9}{16}$	X33	Drive Head (Female)	1.65
X84				$1\frac{3}{4}$	$2\frac{5}{8}$			7.00
X86					$2\frac{11}{16}$			7.85
X88	$1\frac{3}{4}$				$2\frac{3}{4}$			9.00

EXTRA HEAVY-DUTY Socket Set No. XH



The No. XH Extra Heavy-Duty Socket Set finds many applications both in Automotive and Industrial Work. It rounds out the complete Bonney Socket Line and offers easy and quick adjustments of exceptionally large nuts and bolts. The No. XH Set consists of seven Hexagon Sockets, Nos. X46, X48, X52, X58, X64, X70, X76, with openings of $1\frac{1}{16}$ ", $1\frac{1}{2}$ ", $1\frac{3}{8}$ ", $1\frac{13}{16}$ ", 2 ", $2\frac{3}{16}$ " and $2\frac{3}{8}$ " respectively. It also includes a 9 inch extension, an 18 inch extension, a 22 inch Sliding Bar, and a Male and Female Drive Head. Attachments Nos. X29, X30, X31, X32 and X33 respectively. All have one inch square drive.

Size of Box $23'' \times 5\frac{1}{2}'' \times 4\frac{1}{2}''$ high. Weight of set complete 42 lbs.

No. XH Set (Complete in Metal Box).....\$24.95

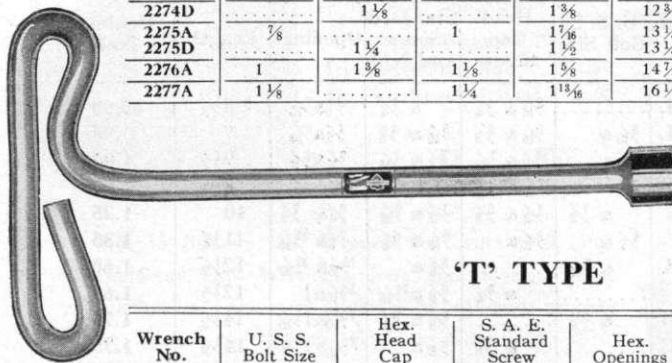
Price Dealers' Net

BONNEY 'CV' Chrome-Vanadium Wrenches

'CV' Chrome-Vanadium Socket Wrenches

Bonney 'CV' Solid Socket Wrenches are forged from *Chrome-Vanadium Steel*. The Wrenches are made in one piece and the Sockets are designed so as to provide a reasonable depth, while the outside diameter of the socket is held down as far as practical to permit of the greatest possible clearance in operation. In addition they carry the well known Bonney guarantee not to break or spread.

Wrench No.	U. S. S. Bolt Size	Hex. Head Cap Screw	S. A. E. Standard Screw and Nut	Hex. Openings	Length	Handle Offset	Dealers' Net
2101		$\frac{1}{4}$	$\frac{1}{4}$	$\frac{7}{16}$	8	2	\$0.85
2102	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{5}{16}$	$\frac{1}{2}$	8	2	
2103		$\frac{3}{8}$	$\frac{3}{8}$	$\frac{9}{16}$	8	2	
2104	$\frac{5}{16}$			$\frac{11}{16}$	10	2	
2105		$\frac{7}{16}$	$\frac{7}{16}$	$\frac{13}{16}$	10	2	
2106	$\frac{3}{8}$			$\frac{15}{16}$	10	2	
2107		$\frac{1}{2}$	$\frac{1}{2}$	$\frac{3}{4}$	10	2	1.00
2108	$\frac{7}{16}$			$\frac{25}{32}$	10	$2\frac{1}{4}$	
2109		$\frac{9}{16}$	$\frac{9}{16}$	$\frac{13}{16}$	10	$2\frac{1}{4}$	
2110	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{5}{8}$	$\frac{7}{8}$	10	$2\frac{1}{4}$	
2270S			$\frac{5}{8}$	$\frac{15}{16}$	$9\frac{1}{8}$	$2\frac{3}{16}$	1.95
2270A	$\frac{5}{16}$			$\frac{31}{32}$	$9\frac{1}{8}$	$2\frac{3}{16}$	
2270D		$\frac{3}{4}$	$\frac{11}{16}$	1	$9\frac{1}{8}$	$2\frac{3}{16}$	
2271A	$\frac{5}{8}$		$\frac{3}{4}$	$1\frac{1}{16}$	10	$2\frac{3}{8}$	2.25
2271D		$\frac{3}{8}$		$1\frac{1}{8}$	10	$2\frac{3}{8}$	
2273A	$\frac{3}{4}$	1	$\frac{7}{8}$	$1\frac{1}{4}$	$11\frac{5}{8}$	$2\frac{3}{4}$	3.00
2274D		$1\frac{1}{8}$		$1\frac{3}{8}$	$12\frac{3}{8}$	$2\frac{7}{8}$	3.35
2275A	$\frac{3}{8}$		1	$1\frac{7}{16}$	$13\frac{1}{4}$	$3\frac{1}{8}$	3.75
2275D		$1\frac{1}{4}$		$1\frac{1}{2}$	$13\frac{1}{4}$	$3\frac{1}{8}$	
2276A	1	$1\frac{3}{8}$	$1\frac{1}{8}$	$1\frac{5}{8}$	$14\frac{7}{8}$	$3\frac{1}{2}$	4.35
2277A	$1\frac{1}{8}$		$1\frac{1}{4}$	$1\frac{13}{16}$	$16\frac{1}{2}$	$3\frac{3}{8}$	4.90



'T' TYPE

'T' TYPE

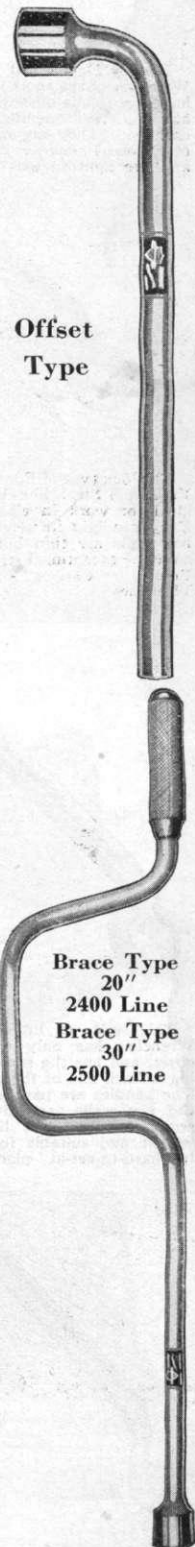
Wrench No.	U. S. S. Bolt Size	Hex. Head Cap Screw	S. A. E. Standard Screw and Nut	Hex. Openings	Extreme Length	Dealers' Net
2201		$\frac{1}{4}$	$\frac{1}{4}$	$\frac{7}{16}$	12	\$0.95
2202	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{5}{16}$	$\frac{1}{2}$	12	
2203		$\frac{3}{8}$	$\frac{3}{8}$	$\frac{9}{16}$	12	
2204	$\frac{5}{16}$			$\frac{11}{16}$	12	
2205		$\frac{7}{16}$	$\frac{7}{16}$	$\frac{13}{16}$	12	
2206	$\frac{3}{8}$			$\frac{15}{16}$	12	
2207		$\frac{1}{2}$	$\frac{1}{2}$	$\frac{3}{4}$	12	1.20
2208	$\frac{7}{16}$			$\frac{25}{32}$	12	
2209		$\frac{9}{16}$	$\frac{9}{16}$	$\frac{13}{16}$	12	
2210	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{5}{8}$	$\frac{7}{8}$	12	

BRACE TYPE 20 inches - 2400 SERIES

Wrench No.	U. S. S. Bolt Size	Hex. Head Cap Screw	S. A. E. Standard Screw and Nut	Hex. Openings	Length	Length of Shank	Dealers' Net
2401		$\frac{1}{4}$	$\frac{1}{4}$	$\frac{7}{16}$	20	10	\$1.40
2402	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{5}{16}$	$\frac{1}{2}$	20	10	
2403		$\frac{3}{8}$	$\frac{3}{8}$	$\frac{9}{16}$	20	10	
2404	$\frac{5}{16}$			$\frac{11}{16}$	20	10	
2405		$\frac{7}{16}$	$\frac{7}{16}$	$\frac{13}{16}$	20	10	
2406	$\frac{3}{8}$			$\frac{15}{16}$	20	10	
2407		$\frac{1}{2}$	$\frac{1}{2}$	$\frac{3}{4}$	20	10	1.60
2408	$\frac{7}{16}$			$\frac{25}{32}$	20	10	
2409		$\frac{9}{16}$	$\frac{9}{16}$	$\frac{13}{16}$	20	10	
2410	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{5}{8}$	$\frac{7}{8}$	20	10	

BRACE TYPE 30 inches - 2500 SERIES

Wrench No.	U. S. S. Bolt Size	Hex. Head Cap Screw	S. A. E. Standard Screw and Nut	Hex. Openings	Length	Length of Shank	Dealers' Net
2503		$\frac{3}{8}$	$\frac{3}{8}$	$\frac{9}{16}$	30	20	\$1.75
2505		$\frac{1}{2}$	$\frac{1}{2}$	$\frac{3}{4}$	30	20	



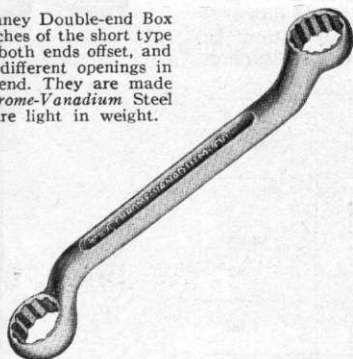
Offset Type

Brace Type
20"
2400 Line
Brace Type
30"
2500 Line

Bonney Forge and Tool Works..Allentown, Pa.

'CV' Chrome-Vanadium Box Wrenches

Bonney Double-end Box Wrenches of the short type have both ends offset, and have different openings in each end. They are made of *Chrome-Vanadium Steel* and are light in weight.



SHORT TYPE

Both Ends Offset - Different Openings Each End

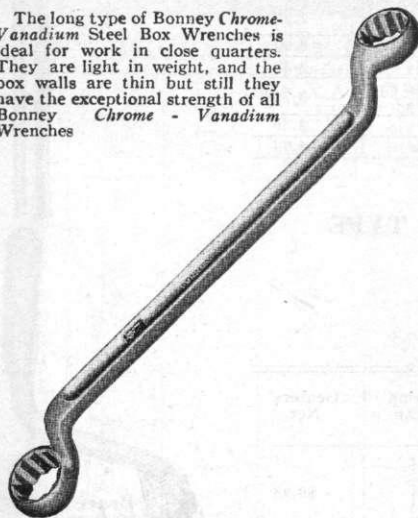
Wr'nch No.	U. S. S. Bolt Size	Hex. Head Cap Screw	S. A. E. Standard Screw and Nut	Openings	Length	Dealers' Net
2804	.....	$\frac{3}{16}$ & $\frac{1}{4}$	& $\frac{1}{4}$	$\frac{3}{8}$ & $\frac{7}{16}$	$5\frac{1}{8}$	\$0.70
2804A	$\frac{3}{16}$ &	& $\frac{1}{4}$	& $\frac{1}{4}$	$1\frac{3}{32}$ & $\frac{7}{16}$	$5\frac{1}{8}$	.70
2805	$\frac{1}{4}$ &	$\frac{5}{16}$ & $\frac{3}{8}$	$\frac{5}{16}$ & $\frac{3}{8}$	$\frac{1}{2}$ & $\frac{9}{16}$	$5\frac{1}{2}$	.75
2806	.....	$\frac{3}{8}$ & $\frac{7}{16}$	$\frac{3}{8}$ & $\frac{7}{16}$	$\frac{9}{16}$ & $\frac{5}{8}$	6	.85

LONG TYPE

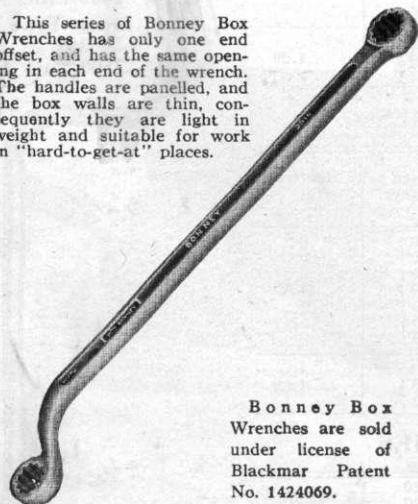
Both Ends Offset - Different Openings Each End

Wr'nch No.	U. S. S. Bolt Size	Hex. Head Cap Screw	S. A. E. Standard Screw and Nut	Openings	Length	Dealers' Net
2804L	.....	$\frac{3}{16}$ & $\frac{1}{4}$	& $\frac{1}{4}$	$\frac{3}{8}$ & $\frac{7}{16}$	$8\frac{1}{2}$	\$0.90
2805L	$\frac{3}{16}$ &	$\frac{5}{16}$ & $\frac{3}{8}$	$\frac{5}{16}$ & $\frac{3}{8}$	9	.95	
2806L	$\frac{1}{4}$ &	$\frac{3}{8}$ & $\frac{7}{16}$	$\frac{3}{8}$ & $\frac{7}{16}$	$9\frac{1}{2}$	1.00	
2807	.....	$\frac{7}{16}$ & $\frac{1}{2}$	$\frac{7}{16}$ & $\frac{1}{2}$	$\frac{5}{8}$ & $\frac{3}{4}$	$8\frac{1}{2}$	1.10
2808	& $\frac{1}{2}$	$\frac{1}{2}$ & $\frac{5}{8}$	$\frac{1}{2}$ & $\frac{3}{4}$	$\frac{3}{4}$ & $\frac{7}{8}$	10	1.25
2809	$\frac{1}{2}$ &	$\frac{5}{8}$ &	$\frac{9}{16}$ & $\frac{5}{8}$	$\frac{7}{8}$ & $\frac{15}{16}$	$11\frac{1}{4}$	1.35
2810A	& $\frac{9}{16}$	.....	$\frac{5}{8}$ &	$\frac{15}{16}$ & $\frac{31}{32}$	$12\frac{1}{2}$	1.60
2810	.....	& $\frac{3}{4}$	$\frac{5}{8}$ & $1\frac{1}{16}$	$\frac{15}{16}$ & 1	$12\frac{1}{2}$	1.60
2811B	& $\frac{5}{8}$	.....	$\frac{5}{8}$ & $\frac{3}{4}$	$\frac{15}{16}$ & $1\frac{1}{16}$	$14\frac{1}{2}$	1.75
2811C	.....	& $\frac{7}{8}$	$\frac{5}{8}$ &	$\frac{15}{16}$ & $1\frac{1}{8}$	$14\frac{1}{2}$	1.75
2811A	& $\frac{5}{8}$	$\frac{3}{4}$ &	$1\frac{1}{16}$ & $\frac{3}{4}$	1 & $1\frac{1}{16}$	$14\frac{1}{2}$	1.75
2811	.....	$\frac{3}{4}$ & $\frac{7}{8}$	$1\frac{1}{16}$ &	1 & $1\frac{1}{8}$	$14\frac{1}{2}$	1.75
2812	$\frac{3}{4}$ &	1 & $1\frac{1}{8}$	$\frac{7}{8}$ &	$1\frac{1}{4}$ & $1\frac{3}{8}$	$16\frac{1}{2}$	2.25
2812A	$\frac{3}{4}$ & $\frac{7}{8}$	1 &	$\frac{7}{8}$ & 1	$1\frac{1}{4}$ & $1\frac{1}{16}$	$16\frac{1}{2}$	2.25

The long type of Bonney *Chrome-Vanadium Steel* Box Wrenches is ideal for work in close quarters. They are light in weight, and the box walls are thin but still they have the exceptional strength of all Bonney *Chrome - Vanadium* Wrenches



This series of Bonney Box Wrenches has only one end offset, and has the same opening in each end of the wrench. The handles are panelled, and the box walls are thin, consequently they are light in weight and suitable for work in "hard-to-get-at" places.



Bonney Box Wrenches are sold under license of Blackmar Patent No. 1424069.

LONG TYPE

One End Offset - Same Openings Both Ends

W'r'nch No.	U. S. S. Bolt Size	Hex. Head Cap Screw	S. A. E. Standard Screw and Nut	Openings	Length	Dealers' Net
2814	.....	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{7}{16}$	8	\$0.80
2816	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{5}{16}$	$\frac{1}{2}$	9	.85
2818	.....	$\frac{3}{8}$	$\frac{3}{8}$	$\frac{9}{16}$	$9\frac{1}{2}$	.90
2820	.....	$\frac{7}{16}$	$\frac{7}{16}$	$\frac{5}{8}$	10	.95
2822	$\frac{3}{8}$	.....	.....	$1\frac{1}{16}$	11	1.00
2824	.....	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{3}{4}$	$11\frac{1}{2}$	1.10
2825	$\frac{7}{16}$	.....	.....	$2\frac{5}{32}$	12	1.15
2826	.....	$\frac{9}{16}$	.....	$1\frac{3}{16}$	12	1.15
2828	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{9}{16}$	$\frac{7}{8}$	$12\frac{3}{4}$	1.30
2830	.....	.....	$\frac{5}{8}$	$1\frac{5}{16}$	$13\frac{1}{2}$	1.40
2832	.....	$\frac{3}{4}$	$1\frac{1}{16}$	1	15	1.50
2834	$\frac{5}{8}$	.....	$\frac{3}{4}$	$1\frac{1}{16}$	$17\frac{1}{2}$	1.65
2836	.....	$\frac{7}{8}$	.....	$1\frac{1}{8}$	$17\frac{1}{2}$	1.85
2839	$\frac{3}{4}$	1	$\frac{7}{8}$	$1\frac{1}{4}$	$17\frac{1}{2}$	2.05

BONNEY 'CV' Chrome-Vanadium Wrenches

'CV' Chrome - Vanadium Box Wrench Sets

Box Wrench Set No. 31

The No. 31 Set is an assortment of 6 long, Double-end Box Wrenches (one end offset). These Wrenches have the same openings in both ends, ranging from $\frac{7}{16}$ inch to $\frac{3}{4}$ inch inclusive. Nos. 2814, 2816, 2818, 2820, 2822, and 2824.

Prices Dealers' Net

In Cardboard Box \$5.60
In Leatherette Roll 6.15

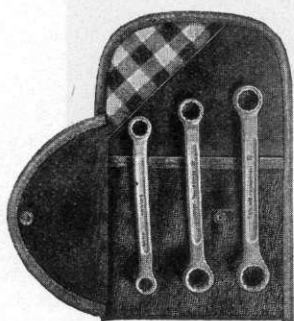


Box Wrench Set No. 29

The Bonney Box Wrench Set No. 29 contains 3 short Double-end Box Wrenches (both ends offset), 1 each of Nos. 2804, 2805, 2806.

Prices Dealers' Net

In Cardboard Box \$2.30
In Leatherette Roll .. 2.60

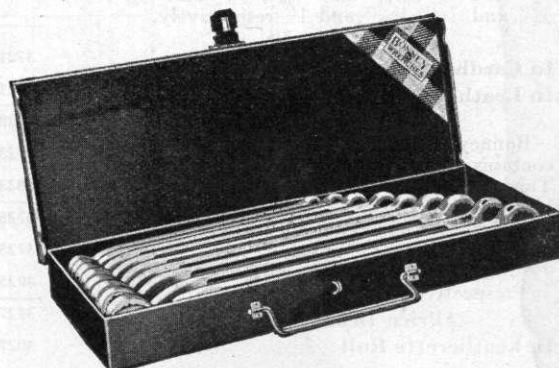


Box Wrench Set No. 33

No. 33 Bonney Box Wrench Set contains 9 long, Double-end Box Wrenches (one end offset). These Wrenches have the same openings in both ends ranging from $\frac{7}{16}$ inch to $1\frac{5}{16}$ inch inclusive. Nos. 2814, 2816, 2818, 2820, 2822, 2824, 2826, 2828 and 2830.

Prices Dealers' Net

In Cardboard Box \$9.45
In Metal Box 10.80

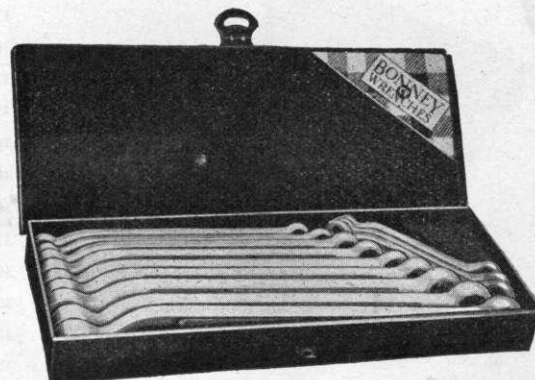


Box Wrench Set No 34

The No. 34 Bonney Box Wrench Set is an assortment of 12 Double-end 'CV' Chrome-Vanadium Box Wrenches, 9 of the long type with one end offset, and 3 of the short type with both ends offset. The Wrenches in this set are Nos. 2814, 2816, 2818, 2820, 2822, 2824, 2826, 2828 and 2830; also Nos. 2804, 2805 and 2806.

Prices Dealers' Net

In Cardboard Box \$11.75
In Metal Box 13.10



Bonney Forge and Tool Works..Allentown, Pa.

ZENEL Engineers' Wrenches

Bonney ZENEL Wrenches are the culmination of years of research and experimentation by Bonney Engineers and Metallurgists to discover a new wrench steel that is the ultimate in toughness, wear resisting properties and strength. This research has resulted in the selection and use of ZENEL, the hardest tough wrench steel on the market today. Bonney ZENEL

Wrenches not only stand up well under exceptionally severe service, but are virtually unbreakable. In fact, they actually outlast two or three wrenches made from ordinary steels.

By taking advantage of the peculiar properties of this new steel, Bonney has been able to redesign the Wrenches themselves. As a result, all ZENEL Wrenches have a handle

section which is concave, and which allows the mechanic to obtain a firm, comfortable grip on the wrench. A reduction in the width of the wrench heads also offers additional advantages.

The Bonney ZENEL Engineers Wrenches listed below have all these features. They are inspected and rigidly tested.



Wrench Sets Nos. Z-25 and Z-26

Bonney Engineers' Set No. Z-25 contains six ZENEL Engineers' Wrenches. Their numbers are 3723, 3025, 3027C, 3028S, 3731A, 3033C and have openings of $\frac{3}{8}$ " and $\frac{7}{16}$ ", $\frac{1}{2}$ " and $\frac{9}{16}$ ", $\frac{5}{8}$ " and $\frac{11}{16}$ ", $\frac{3}{4}$ " and $\frac{13}{16}$ " and 1" respectively.

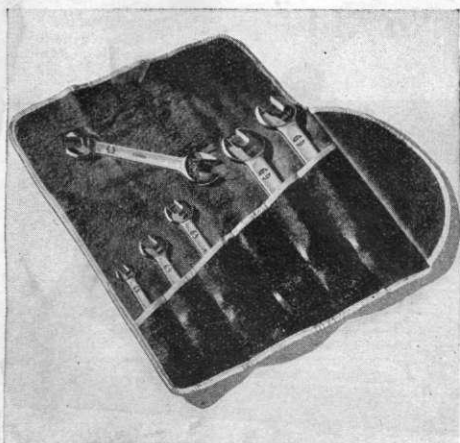
Prices Dealers' Net

In Cardboard Box.....\$4.85
In Leatherette Roll..... 5.40

Bonney ZENEL Wrench Set No Z-26 contains eight ZENEL Engineers' Wrenches. This set is very complete, containing one each of Nos. 3723, 3725, 3725B, 3025, 3727, 3729, 3029 and 3731A, having openings of $\frac{3}{8}$ " and $\frac{7}{16}$ ", $\frac{1}{2}$ " and $\frac{9}{16}$ ", $\frac{5}{8}$ " and $\frac{11}{16}$ ", $\frac{3}{4}$ " and $\frac{13}{16}$ " and 1" respectively.

Price Dealers' Net

In Leatherette Roll.....\$5.95



Wrench No.	U. S. S. Bolt Size	Hex. Head Cap Screw	S. A. E. Standard Screw and Nut	Openings Milled	Extreme Lgth.	Thickness of Head	Dealers' Net
3721	$\frac{1}{8}$ & $\frac{3}{16}$	$\frac{1}{8}$ & $\frac{3}{16}$	.....	$\frac{5}{16}$ & $\frac{3}{8}$	4 $\frac{1}{4}$	$\frac{3}{16}$	\$0.45
3021	$\frac{1}{8}$ & $\frac{3}{16}$	$\frac{1}{8}$ & $\frac{3}{16}$	.....	$\frac{5}{16}$ & $\frac{13}{32}$	4 $\frac{1}{4}$	$\frac{3}{16}$	
3723	.....	$\frac{3}{16}$ & $\frac{1}{4}$	& $\frac{1}{4}$	$\frac{3}{8}$ & $\frac{7}{16}$	4 $\frac{3}{4}$	$\frac{7}{32}$	.50
3723A	& $\frac{1}{4}$	$\frac{3}{16}$ & $\frac{5}{16}$	& $\frac{5}{16}$	$\frac{3}{8}$ & $\frac{1}{2}$	4 $\frac{3}{4}$	$\frac{7}{32}$	
3023	$\frac{3}{16}$ & $\frac{1}{4}$	& $\frac{5}{16}$	& $\frac{5}{16}$	$\frac{13}{32}$ & $\frac{1}{2}$	4 $\frac{3}{4}$	$\frac{7}{32}$	.60
3725	& $\frac{1}{4}$	$\frac{1}{4}$ & $\frac{5}{16}$	$\frac{1}{4}$ & $\frac{5}{16}$	$\frac{7}{16}$ & $\frac{1}{2}$	5 $\frac{3}{4}$	$\frac{1}{4}$	
3725B	$\frac{1}{4}$ & $\frac{5}{16}$	$\frac{5}{16}$ & $\frac{3}{8}$	$\frac{5}{16}$ & $\frac{3}{8}$	$\frac{1}{2}$ & $\frac{9}{16}$	5 $\frac{3}{4}$	$\frac{1}{4}$	.70
3025	$\frac{1}{4}$ & $\frac{5}{16}$	$\frac{5}{16}$ & $\frac{3}{8}$	$\frac{5}{16}$ & $\frac{3}{8}$	$\frac{1}{2}$ & $\frac{19}{32}$	5 $\frac{3}{4}$	$\frac{1}{4}$	
3727	.....	$\frac{3}{8}$ & $\frac{7}{16}$	$\frac{3}{8}$ & $\frac{7}{16}$	$\frac{3}{8}$ & $\frac{7}{16}$	7	$\frac{9}{32}$	.90
3027	$\frac{5}{16}$ & $\frac{3}{8}$	.....	.....	$\frac{19}{32}$ & $\frac{11}{16}$	7	$\frac{9}{32}$	
3027C	& $\frac{3}{8}$	$\frac{3}{8}$ & $\frac{7}{16}$	$\frac{3}{8}$ & $\frac{7}{16}$	$\frac{9}{16}$ & $\frac{11}{16}$	7	$\frac{9}{32}$	1.20
3028S	& $\frac{7}{16}$	$\frac{7}{16}$ & $\frac{1}{2}$	$\frac{7}{16}$ & $\frac{1}{2}$	$\frac{5}{8}$ & $\frac{25}{32}$	8	$\frac{5}{16}$	
3729	.....	$\frac{7}{16}$ & $\frac{1}{2}$	$\frac{7}{16}$ & $\frac{1}{2}$	$\frac{5}{8}$ & $\frac{3}{4}$	8	$\frac{5}{16}$	1.50
3029	$\frac{3}{8}$ & $\frac{7}{16}$	.....	.....	$\frac{11}{16}$ & $\frac{25}{32}$	8	$\frac{5}{16}$	
3731	.....	$\frac{1}{2}$ & $\frac{9}{16}$	$\frac{1}{2}$ & $\frac{9}{16}$	$\frac{3}{4}$ & $\frac{13}{16}$	9 $\frac{1}{2}$	$\frac{3}{8}$	1.20
3731A	& $\frac{1}{2}$	$\frac{1}{2}$ & $\frac{9}{16}$	$\frac{1}{2}$ & $\frac{9}{16}$	$\frac{3}{4}$ & $\frac{7}{8}$	9 $\frac{1}{2}$	$\frac{3}{8}$	
3031	$\frac{7}{16}$ & $\frac{1}{2}$	& $\frac{9}{16}$	& $\frac{9}{16}$	$\frac{25}{32}$ & $\frac{7}{8}$	9 $\frac{1}{2}$	$\frac{3}{8}$	1.50
3033A	$\frac{1}{2}$ & $\frac{9}{16}$	$\frac{9}{16}$ & $\frac{5}{8}$	$\frac{9}{16}$ & $\frac{5}{8}$	$\frac{7}{8}$ & $\frac{15}{16}$	9 $\frac{1}{2}$	$\frac{3}{8}$	
3033	$\frac{1}{2}$ & $\frac{9}{16}$	$\frac{9}{16}$ & $\frac{5}{8}$	$\frac{9}{16}$ & $\frac{5}{8}$	$\frac{7}{8}$ & $\frac{31}{32}$	9 $\frac{1}{2}$	$\frac{3}{8}$	1.50
3733	$\frac{1}{2}$ & $\frac{9}{16}$	$\frac{9}{16}$ & $\frac{5}{8}$	$\frac{9}{16}$ & $\frac{11}{16}$	$\frac{7}{8}$ & 1	11	$\frac{15}{32}$	
3033C	.....	& $\frac{3}{4}$	$\frac{9}{16}$ & $\frac{11}{16}$	$\frac{15}{16}$ & 1	11	$\frac{15}{32}$	1.50
3034	$\frac{1}{2}$ & $\frac{9}{16}$	$\frac{9}{16}$ & $\frac{5}{8}$	$\frac{9}{16}$ & $\frac{3}{4}$	$\frac{7}{8}$ & $1\frac{1}{16}$	11	$\frac{15}{32}$	
3034A	& $\frac{9}{16}$	.....	$\frac{9}{16}$ & $\frac{3}{4}$	$\frac{15}{16}$ & $1\frac{1}{16}$	11	$\frac{15}{32}$	1.50
3035	$\frac{9}{16}$ & $\frac{5}{8}$	.....	& $\frac{3}{4}$	$\frac{31}{32}$ & $1\frac{1}{16}$	11	$\frac{15}{32}$	

BONNEY ZENEL *Open - End* WRENCHES

3420 Series ZENEL Tappet Wrenches

Bonney Tappet Wrenches of the 3420 series are made of ZENEL, the *NEW* Bonney Wrench steel described on the previous page. The handles of this series of Bonney Wrenches have concave sections which allow the mechanic to take a firm grip on the wrench so that he may easily make accurate adjustments. The handles are long,

ranging from eight inches on the wrenches with the smaller sized openings to 9½ inches on those with the larger sized openings. All these tappet wrenches have their openings at an angle of 15°, and have different sized openings in each end.

Bonney ZENEL Tappet Wrenches are perfectly balanced, are

lighter in weight than ordinary steel wrenches, and have thin, pear-shaped heads. They are thoroughly tested, rigidly inspected, and are Chrome-plated to a high, permanent lustre.

The table below lists the complete 3420 line of Bonney ZENEL Tappet Wrenches

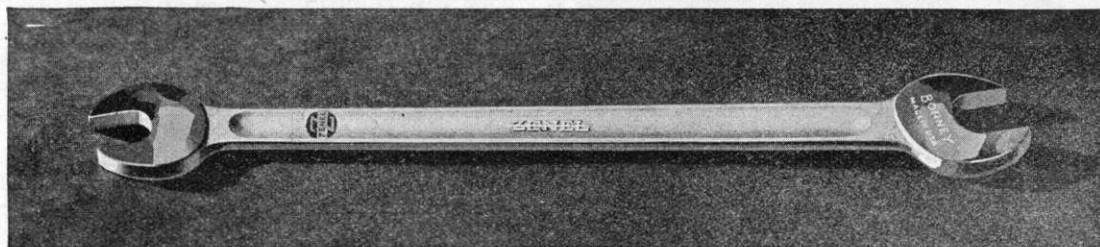


Table of Sizes and Prices Bonney ZENEL Tappet Wrenches

Wrench No.	Openings Milled	S. A. E. Standard Screw and Nut	U. S. S. Bolt Size	Extreme Length	Thickness of Head	Dealers' Net
3420A	7/16 & 1/2	1/4 & 5/16	& 1/4	8	5/32	\$0.75
3420	7/16 & 17/32	1/4 & 5/16	.....	8	5/32	
3422	1/2 & 9/16	5/16 & 3/8	1/4 & 5/16	8	5/32	
3424B	9/16 & 5/8	3/8 & 7/16	.....	8 1/2	3/16	.85
3424	5/8 & 11/16	7/16 & 1/2	& 3/8	8 1/2	3/16	
3424A	5/8 & 3/4	7/16 & 1/2	.....	8 1/2	3/16	
3425	3/4 & 13/16	1/2 & 9/16	.....	9	7/32	.95
3426	3/4 & 7/8	1/2 & 9/16	& 1/2	9	7/32	
3428	15/16 & 1	5/8 & 11/16	.....	9 1/2	7/32	1.05

Bonney ZENEL Tappet Wrench Sets Nos. Z-22 and Z-23

The Bonney Tappet Set No. Z-22 contains six Bonney ZENEL Tappet Wrenches. Two each of the following Tappet Wrenches make up the set: Nos. 3422, 3424 and 3426. Their openings are 1/2" and 9/16", 5/8" and 11/16", 3/4" and 7/8" respectively.

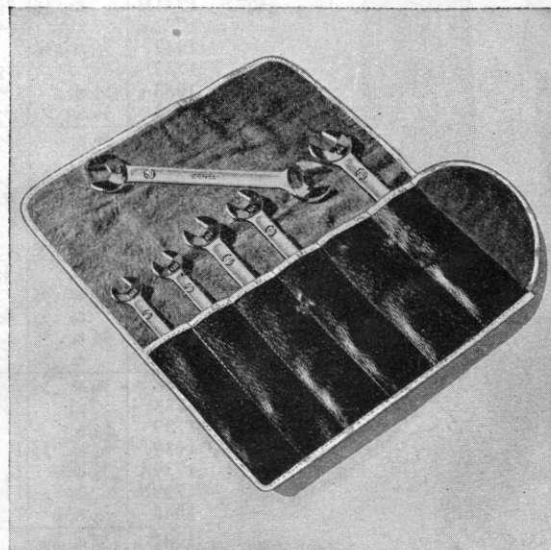
Prices Dealers' Net

In Cardboard Box \$4.50
In Leatherette Roll 5.00

The Z-23 Tappet Wrench Set contains two each of four sizes of the 3420 series ZENEL Tappet Wrenches: Nos. 3420, 3422, 3424, 3426. Their openings are 7/16", and 17/32", 1/2" and 9/16", 5/8", and 11/16", 3/4" and 7/8".

Price Dealers' Net

In Leatherette Roll \$6.30



Bonney Forge and Tool Works..Allentown, Pa.

'CV' Chrome-Vanadium Engineers' Wrenches

Bonney 'CV' Chrome-Vanadium Engineers' Wrenches are thinner, longer and stronger than Carbon Steel Wrenches of the same opening. The use of *Chrome-Vanadium Steel* allows refinement of design both in the shape and the thickness of the Wrench head. In addition, the thin, pear-shaped head, made possible by the use of this steel, makes the

Bonney 'CV' line lighter, better balanced and more serviceable. This is especially important where it is necessary to work in confined places and still have exceptional strength in the Wrench. All Bonney 'CV' Engineers' Wrenches are Chrome-plated to a high permanent lustre, are rigidly inspected and carry the Bonney guarantee not to break or spread.

OPENINGS AT 15° ANGLE



Wrench No.	U. S. S. Bolt Size	Hex. Head Cap Screw	S. A. E. Standard Screw and Nut	Openings Milled	Ex-treme Length	Thick-ness of Head	Dealers' Net
1020	$\frac{1}{8}$ & $\frac{1}{8}$	$\frac{1}{8}$ & $\frac{1}{8}$	$\frac{1}{4}$ & $\frac{5}{16}$	3	$\frac{5}{32}$	\$0.30
1721	$\frac{1}{8}$ & $\frac{3}{16}$	$\frac{1}{8}$ & $\frac{3}{16}$	$\frac{5}{16}$ & $\frac{3}{8}$	$3\frac{1}{8}$	$\frac{3}{16}$.35
1021	$\frac{1}{8}$ & $\frac{3}{16}$	$\frac{1}{8}$ & $\frac{3}{16}$	.....	$\frac{5}{16}$ & $\frac{13}{32}$	$3\frac{3}{8}$	$\frac{3}{16}$
1722	$\frac{1}{8}$ & $\frac{1}{4}$	$\frac{1}{8}$ & $\frac{1}{4}$	$\frac{1}{4}$ & $\frac{1}{4}$	$\frac{5}{16}$ & $\frac{7}{16}$	$4\frac{1}{8}$	$\frac{7}{32}$	
1723	.....	$\frac{3}{16}$ & $\frac{1}{4}$	$\frac{1}{4}$ & $\frac{1}{4}$	$\frac{3}{8}$ & $\frac{7}{16}$	$4\frac{1}{8}$	$\frac{7}{32}$
1022	$\frac{1}{8}$ & $\frac{1}{4}$	$\frac{1}{8}$ & $\frac{5}{16}$	$\frac{1}{4}$ & $\frac{5}{16}$	$\frac{5}{16}$ & $\frac{1}{2}$	$4\frac{1}{2}$	$\frac{7}{32}$.40
1023	$\frac{3}{16}$ & $\frac{1}{4}$	$\frac{3}{16}$ & $\frac{5}{16}$	$\frac{1}{4}$ & $\frac{5}{16}$	$\frac{13}{32}$ & $\frac{1}{2}$	$4\frac{1}{2}$	$\frac{7}{32}$	
1723A	$\frac{1}{8}$ & $\frac{1}{4}$	$\frac{3}{16}$ & $\frac{5}{16}$	$\frac{1}{4}$ & $\frac{5}{16}$	$\frac{3}{8}$ & $\frac{1}{2}$	$4\frac{1}{2}$	$\frac{7}{32}$	
1724	.....	$\frac{3}{16}$ & $\frac{3}{8}$	$\frac{1}{4}$ & $\frac{3}{8}$	$\frac{3}{8}$ & $\frac{9}{16}$	$5\frac{1}{2}$	$15\frac{1}{64}$
1024	$\frac{3}{16}$ & $\frac{5}{16}$	$\frac{13}{32}$ & $\frac{19}{32}$	$5\frac{1}{2}$	$15\frac{1}{64}$.45
1725	$\frac{1}{4}$ & $\frac{1}{4}$	$\frac{1}{4}$ & $\frac{5}{16}$	$\frac{1}{4}$ & $\frac{5}{16}$	$\frac{7}{16}$ & $\frac{1}{2}$	$5\frac{1}{2}$	$15\frac{1}{64}$	
1725A	.....	$\frac{1}{4}$ & $\frac{3}{8}$	$\frac{1}{4}$ & $\frac{3}{8}$	$\frac{7}{16}$ & $\frac{9}{16}$	$5\frac{1}{2}$	$15\frac{1}{64}$
1725B	$\frac{1}{4}$ & $\frac{3}{8}$	$\frac{5}{16}$ & $\frac{3}{8}$	$\frac{5}{16}$ & $\frac{3}{8}$	$\frac{1}{2}$ & $\frac{9}{16}$	$5\frac{1}{2}$	$15\frac{1}{64}$	
1025	$\frac{1}{4}$ & $\frac{5}{16}$	$\frac{5}{16}$ & $\frac{3}{8}$	$\frac{5}{16}$ & $\frac{3}{8}$	$\frac{1}{2}$ & $\frac{19}{32}$	$5\frac{1}{2}$	$15\frac{1}{64}$.55
1726	$\frac{1}{4}$ & $\frac{3}{8}$	$\frac{5}{16}$ & $\frac{7}{16}$	$\frac{5}{16}$ & $\frac{7}{16}$	$\frac{1}{2}$ & $\frac{5}{8}$	$6\frac{1}{2}$	$\frac{9}{32}$	
1026	$\frac{1}{4}$ & $\frac{3}{8}$	$\frac{5}{16}$ & $\frac{3}{8}$	$\frac{5}{16}$ & $\frac{3}{8}$	$\frac{1}{2}$ & $\frac{11}{16}$	$6\frac{1}{2}$	$\frac{9}{32}$	
1727	.....	$\frac{3}{8}$ & $\frac{7}{16}$	$\frac{3}{8}$ & $\frac{7}{16}$	$\frac{9}{16}$ & $\frac{5}{8}$	$6\frac{1}{2}$	$\frac{9}{32}$
1027	$\frac{5}{16}$ & $\frac{3}{8}$	$\frac{3}{8}$ & $\frac{7}{16}$	$\frac{3}{8}$ & $\frac{7}{16}$	$\frac{13}{32}$ & $\frac{11}{16}$	$6\frac{1}{2}$	$\frac{9}{32}$	
1027C	$\frac{5}{16}$ & $\frac{3}{8}$	$\frac{3}{8}$ & $\frac{7}{16}$	$\frac{3}{8}$ & $\frac{7}{16}$	$\frac{9}{16}$ & $\frac{11}{16}$	$6\frac{1}{2}$	$\frac{9}{32}$	
1028	$\frac{5}{16}$ & $\frac{7}{16}$	$\frac{19}{32}$ & $\frac{25}{32}$	$7\frac{1}{2}$	$\frac{5}{16}$.70
1728	.....	$\frac{3}{8}$ & $\frac{1}{2}$	$\frac{3}{8}$ & $\frac{1}{2}$	$\frac{9}{16}$ & $\frac{3}{4}$	$7\frac{1}{2}$	$\frac{5}{16}$
1028S	$\frac{5}{16}$ & $\frac{7}{16}$	$\frac{7}{16}$ & $\frac{1}{2}$	$\frac{7}{16}$ & $\frac{1}{2}$	$\frac{5}{8}$ & $\frac{25}{32}$	$7\frac{1}{2}$	$\frac{5}{16}$	
1729	.....	$\frac{7}{16}$ & $\frac{1}{2}$	$\frac{7}{16}$ & $\frac{1}{2}$	$\frac{9}{8}$ & $\frac{3}{4}$	$7\frac{1}{2}$	$\frac{5}{16}$
1029	$\frac{3}{8}$ & $\frac{7}{16}$	$\frac{7}{16}$ & $\frac{9}{16}$	$\frac{7}{16}$ & $\frac{9}{16}$	$\frac{11}{16}$ & $\frac{25}{32}$	$7\frac{1}{2}$	$\frac{5}{16}$	
1730	.....	$\frac{7}{16}$ & $\frac{9}{16}$	$\frac{7}{16}$ & $\frac{9}{16}$	$\frac{5}{8}$ & $\frac{13}{16}$	$7\frac{1}{2}$	$\frac{5}{16}$
1030	$\frac{3}{8}$ & $\frac{1}{2}$	$\frac{7}{16}$ & $\frac{9}{16}$	$\frac{7}{16}$ & $\frac{9}{16}$	$\frac{11}{16}$ & $\frac{7}{8}$	$7\frac{1}{2}$	$\frac{5}{16}$.95
1731	.....	$\frac{1}{2}$ & $\frac{9}{16}$	$\frac{1}{2}$ & $\frac{9}{16}$	$\frac{3}{4}$ & $\frac{13}{16}$	9	$\frac{3}{8}$
1731A	$\frac{5}{16}$ & $\frac{1}{2}$	$\frac{1}{2}$ & $\frac{5}{8}$	$\frac{1}{2}$ & $\frac{5}{8}$	$\frac{3}{4}$ & $\frac{7}{8}$	9	$\frac{3}{8}$	
1031	$\frac{7}{16}$ & $\frac{1}{2}$	$\frac{9}{16}$ & $\frac{5}{8}$	$\frac{9}{16}$ & $\frac{5}{8}$	$\frac{25}{32}$ & $\frac{7}{8}$	9	$\frac{3}{8}$	
1731B	$\frac{5}{16}$ & $\frac{1}{2}$	$\frac{9}{16}$ & $\frac{5}{8}$	$\frac{9}{16}$ & $\frac{5}{8}$	$\frac{13}{16}$ & $\frac{7}{8}$	9	$\frac{3}{8}$	
1732A	.....	$\frac{1}{2}$ & $\frac{3}{4}$	$\frac{1}{2}$ & $\frac{11}{16}$	$\frac{3}{4}$ & 1	9	$\frac{3}{8}$
1032	$\frac{7}{16}$ & $\frac{9}{16}$	$\frac{9}{16}$ & $\frac{3}{4}$	.....	$\frac{25}{32}$ & $\frac{31}{32}$	9	$\frac{3}{8}$
1732	.....	$\frac{9}{16}$ & $\frac{3}{4}$	.....	$\frac{13}{16}$ & 1	9	$\frac{3}{8}$
1033A	$\frac{1}{2}$ & $\frac{9}{16}$	$\frac{5}{8}$ & $\frac{3}{4}$	$\frac{9}{16}$ & $\frac{5}{8}$	$\frac{7}{8}$ & $\frac{15}{16}$	9	$\frac{3}{8}$	
1033	$\frac{1}{2}$ & $\frac{9}{16}$	$\frac{5}{8}$ & $\frac{3}{4}$	$\frac{9}{16}$ & $\frac{5}{8}$	$\frac{7}{8}$ & $\frac{31}{32}$	9	$\frac{3}{8}$	
1733	$\frac{1}{2}$ & $\frac{5}{8}$	$\frac{5}{8}$ & $\frac{3}{4}$	$\frac{9}{16}$ & $\frac{11}{16}$	$\frac{7}{8}$ & 1	$10\frac{1}{2}$	$15\frac{1}{32}$	1.30
1033C	.....	$\frac{5}{8}$ & $\frac{3}{4}$	$\frac{5}{8}$ & $\frac{11}{16}$	$\frac{15}{16}$ & 1	$10\frac{1}{2}$	$15\frac{1}{32}$
1034	$\frac{1}{2}$ & $\frac{5}{8}$	$\frac{5}{8}$ & $\frac{3}{4}$	$\frac{9}{16}$ & $\frac{3}{4}$	$\frac{7}{8}$ & $1\frac{1}{16}$	$10\frac{1}{2}$	$15\frac{1}{32}$	
1734	$\frac{1}{2}$ & $\frac{5}{8}$	$\frac{5}{8}$ & $\frac{7}{8}$	$\frac{9}{16}$ & $\frac{7}{8}$	$\frac{7}{8}$ & $1\frac{1}{8}$	$10\frac{1}{2}$	$15\frac{1}{32}$	
1034A	$\frac{5}{16}$ & $\frac{5}{8}$	.....	$\frac{5}{8}$ & $\frac{3}{4}$	$\frac{15}{16}$ & $1\frac{1}{16}$	$10\frac{1}{2}$	$15\frac{1}{32}$
1035	$\frac{9}{16}$ & $\frac{5}{8}$	$\frac{5}{8}$ & $\frac{3}{4}$	$\frac{31}{32}$ & $1\frac{1}{16}$	$10\frac{1}{2}$	$15\frac{1}{32}$	1.75
1735	.....	$\frac{3}{4}$ & $\frac{7}{8}$	$\frac{11}{16}$ & $\frac{7}{8}$	1 & $1\frac{1}{8}$	12	$\frac{17}{32}$
1036	$\frac{9}{16}$ & $\frac{3}{4}$	$\frac{3}{4}$ & 1	$\frac{11}{16}$ & $\frac{7}{8}$	$\frac{31}{32}$ & $1\frac{1}{4}$	12	$\frac{17}{32}$	
1736	$\frac{5}{8}$ & $\frac{3}{4}$	$\frac{3}{4}$ & 1	$\frac{11}{16}$ & $\frac{7}{8}$	1 & $1\frac{1}{4}$	12	$\frac{17}{32}$	
1037	$\frac{5}{8}$ & $\frac{3}{4}$	$\frac{7}{8}$ & 1	$\frac{3}{4}$ & $\frac{7}{8}$	$1\frac{1}{16}$ & $1\frac{1}{4}$	12	$\frac{17}{32}$	
1737	$\frac{5}{8}$ & $\frac{3}{4}$	$\frac{7}{8}$ & 1	$\frac{3}{4}$ & $\frac{7}{8}$	$1\frac{1}{8}$ & $1\frac{1}{4}$	12	$\frac{17}{32}$	
1038	$\frac{5}{8}$ & $\frac{7}{8}$	$\frac{7}{8}$ & $1\frac{1}{8}$	$\frac{3}{4}$ & 1	$1\frac{1}{16}$ & $1\frac{1}{8}$	14	$\frac{9}{16}$	2.75
1738	.....	$\frac{7}{8}$ & $1\frac{1}{8}$	.....	$1\frac{1}{8}$ & $1\frac{3}{8}$	14	$\frac{9}{16}$
1739	$\frac{3}{4}$ & $\frac{7}{8}$	1 & $1\frac{1}{8}$	$\frac{7}{8}$ & 1	$1\frac{1}{4}$ & $1\frac{3}{8}$	14	$\frac{9}{16}$	
1039	$\frac{3}{4}$ & $\frac{7}{8}$	1 & $\frac{1}{2}$	$\frac{7}{8}$ & 1	$1\frac{1}{4}$ & $1\frac{7}{8}$	14	$\frac{9}{16}$	
1739A	$\frac{3}{4}$ & $\frac{7}{8}$	1 & $1\frac{1}{4}$	$\frac{7}{8}$ & $1\frac{1}{2}$	$1\frac{1}{4}$ & $1\frac{1}{2}$	14	$\frac{9}{16}$	
1739B	.....	$1\frac{1}{8}$ & $1\frac{1}{4}$	.....	$1\frac{3}{8}$ & $1\frac{1}{2}$	14	$\frac{9}{16}$
1040	$\frac{3}{4}$ & 1	1 & $1\frac{3}{8}$	$\frac{7}{8}$ & $1\frac{1}{8}$	$1\frac{1}{4}$ & $1\frac{5}{8}$	14	$\frac{9}{16}$	5.00
1041	$\frac{7}{8}$ & 1	$\frac{1}{2}$ & $1\frac{3}{8}$	1 & $1\frac{1}{8}$	$1\frac{1}{16}$ & $1\frac{5}{8}$	$15\frac{1}{2}$	$\frac{13}{16}$	

BONNEY 'CV' Chrome-Vanadium Wrenches

'CV' Chrome Vanadium Engineers' Wrench Sets

Wrench Set No. 25

The No. 25 Bonney Engineer's Wrench Set was assembled to offer the mechanic and general user a wrench set to cover all of the most popular sizes of nuts and bolts. Every Wrench in the No. 25 Set has a different sized opening in each end. They are made of *Chrome-Vanadium Steel*, are light in weight and have pear shaped heads to easily gain access to the hard-to-get-at places.

The No. 25 Set contains one each of the following numbers: 1723, 1025, 1027C, 1028S, 1731A, and 1033C, with openings of $\frac{3}{8}$ " and $\frac{7}{16}$ ", $\frac{1}{2}$ " and $\frac{19}{32}$ ", $\frac{9}{16}$ " and $\frac{11}{16}$ ", $\frac{5}{8}$ " and $\frac{25}{32}$ ", $\frac{3}{4}$ " and $\frac{7}{8}$ ", $\frac{15}{16}$ " and 1 inch respectively. They fit U. S. Standard Nuts $\frac{1}{4}$ ", $\frac{5}{16}$ ", $\frac{3}{8}$ ", $\frac{7}{16}$ ", $\frac{1}{2}$ ". S. A. E. Nuts $\frac{1}{4}$ ", $\frac{5}{16}$ ", $\frac{3}{8}$ ", $\frac{7}{16}$ ", $\frac{1}{2}$ ", $\frac{9}{16}$ ", $\frac{5}{8}$ ", $\frac{11}{16}$ ", and Hexagon Cap Screws $\frac{3}{16}$ ", $\frac{1}{4}$ ", $\frac{5}{16}$ ", $\frac{3}{8}$ ", $\frac{7}{16}$ ", $\frac{1}{2}$ ", $\frac{5}{8}$ " and $\frac{3}{4}$ ". Packed either in cardboard box or leatherette roll.

Prices Dealers' Net

In Cardboard Box\$3.85
In Leatherette Roll 4.35



Bonney 'CV' *Chrome-Vanadium Engineers' Wrenches* are correctly designed and are thinner and lighter in weight. Consequently, they find wide use where ordinary wrenches due to their design, thickness and weight, cannot be applied. Bonney 'CV' Wrenches are furthermore guaranteed not to break or spread, and any 'CV' *Chrome-Vanadium Wrench* which does not stand up to this guarantee will be replaced free of charge.

'CV' Chrome-Vanadium Miniature Wrenches

Wrench No.	Openings Milled	Length	Thickness Heads	Dealers' Net
H-10	$\frac{3}{16}$ & $\frac{7}{32}$	2 $\frac{1}{2}$ "	$\frac{3}{32}$	\$0.30
H-12	$\frac{1}{4}$ & $\frac{9}{32}$	3"	$\frac{5}{32}$	.30
H-14	$\frac{5}{16}$ & $\frac{11}{32}$	3 $\frac{3}{4}$ "	$\frac{3}{16}$	.35
H-16	$\frac{3}{8}$ & $\frac{7}{16}$	4 $\frac{1}{8}$ "	$\frac{1}{8}$	.35
H-18	$\frac{15}{32}$ & $\frac{1}{2}$	4 $\frac{1}{8}$ "	$\frac{1}{8}$	.35

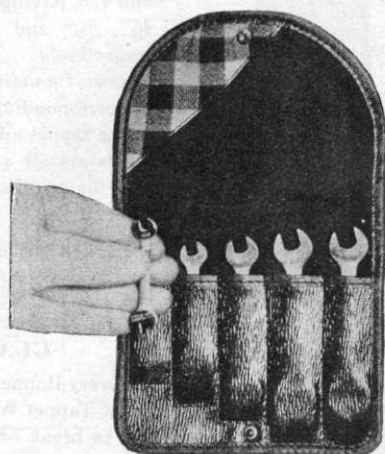
The Bonney Miniature Wrenches listed above are designed for delicate work on magnetos, timers, electrical parts, oil cleaners, carburetors, etc. They are designed correctly, with long pear-shaped jaws, are made of *Chrome-Vanadium Steel* and carry the regular Bonney Guarantee not to break or spread.

Miniature Wrench Set No. 20

The No. 20 Bonney Miniature Wrench Set contains five 'CV' *Chrome-Vanadium Miniature Wrenches*, one each of Nos. H-10, H-12, H-14, H-16, H-18 with openings ranging from $\frac{3}{16}$ " to $\frac{15}{32}$ ". They are supplied packed either in a cardboard box or compact leatherette roll.

Prices Dealers' Net

In Cardboard Box\$1.65
In Leatherette Roll 1.90



Bonney Forge and Tool Works..Allentown, Pa.

'CV' Chrome-Vanadium Tappet Wrenches 420 Series

Every Wrench in the No. 420 Series of Bonney 'CV' Chrome-Vanadium Tappet Wrenches has a different sized opening in each end. The openings are at a 15° angle. The Wrenches of the 420 Series also "step up" correspondingly in length. They are of exceptionally long design, have thin, pear-shaped heads and are absolutely guaranteed against breakage when used for tappet adjusting.

Wrench No.	Openings Milled	S. A. E. Standard Screw and Nut	U. S. S. Bolt Size	Extreme Length	Thickness of Head	Dealers' Net
420A	$\frac{7}{16}$ & $\frac{1}{2}$	$\frac{1}{4}$ & $\frac{5}{16}$	& $\frac{1}{4}$	8	$\frac{5}{32}$	\$0.55
420	$\frac{7}{16}$ & $\frac{17}{32}$	$\frac{1}{4}$ &	.....	8	$\frac{5}{32}$	.55
422	$\frac{1}{2}$ & $\frac{9}{16}$	$\frac{5}{16}$ & $\frac{3}{8}$	$\frac{1}{4}$ &	8	$\frac{5}{32}$	.55
424B	$\frac{9}{16}$ & $\frac{5}{8}$	$\frac{3}{8}$ & $\frac{7}{16}$	.....	$8\frac{1}{2}$	$\frac{3}{16}$	.65
424	$\frac{5}{8}$ & $\frac{11}{16}$	$\frac{7}{16}$ &	& $\frac{3}{8}$	$8\frac{1}{2}$	$\frac{3}{16}$	.65
424A	$\frac{5}{8}$ & $\frac{3}{4}$	$\frac{7}{16}$ & $\frac{1}{2}$	.....	$8\frac{1}{2}$	$\frac{3}{16}$	.65
425	$\frac{3}{4}$ & $\frac{13}{16}$	$\frac{1}{2}$ &	.....	9	$\frac{7}{32}$	.70
426	$\frac{3}{4}$ & $\frac{7}{8}$	$\frac{1}{2}$ & $\frac{9}{16}$	& $\frac{1}{2}$	9	$\frac{7}{32}$	.70
428	$\frac{15}{16}$ & 1	$\frac{5}{8}$ & $\frac{11}{16}$	.....	$9\frac{1}{2}$	$\frac{7}{32}$	.80

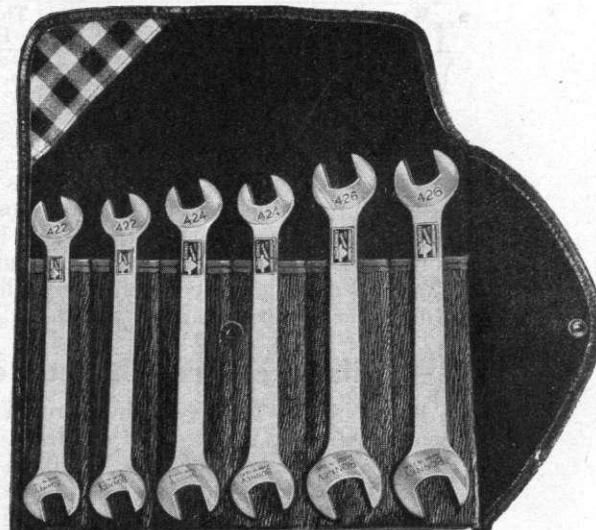
Tappet Wrench Set No. 22

The No. 22 Tappet Wrench Set is complete and adaptable to almost every make and model of passenger car and truck. It contains two of each of the following 420 Series Tappet Wrenches: Nos. 422, 424 and 426, having openings of $\frac{1}{2}$ " and $\frac{9}{16}$ ", $\frac{5}{8}$ " and $\frac{11}{16}$ ", $\frac{3}{4}$ " and $\frac{7}{8}$ " respectively. They are made of Chrome-Vanadium Steel, and step up correspondingly in length to make make tappet adjusting easier. Their heads are all at a 15° angle, and they have different sized openings in each end.

Packed either in Cardboard Box or Leatherette Roll.

GUARANTEE

Every Bonney 'CV' Chrome-Vanadium Tappet Wrench is guaranteed not to break or spread when used for tappet adjusting.



Prices Dealers' Net

In Cardboard Box	\$3.40
In Leatherette Roll	3.85

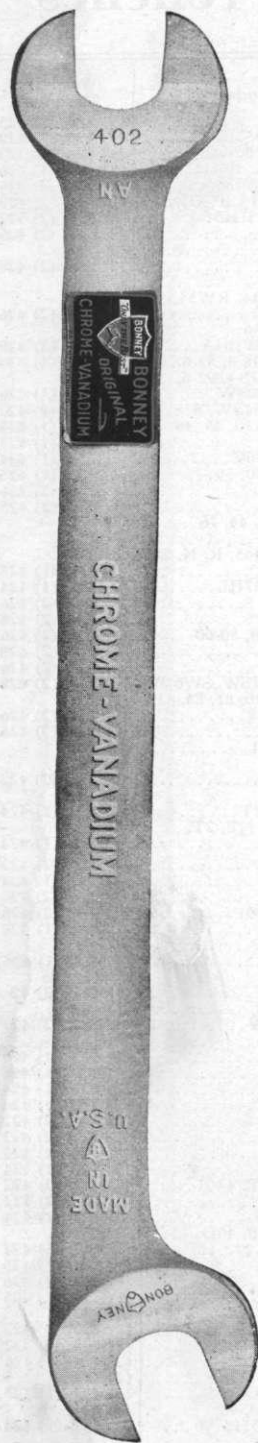
BONNEY 'CV' Chrome-Vanadium Wrenches

Valve Tappet Wrench Chart for the 420 Series Tappet Wrenches

Make of Passenger Car	Model	Wrench Number	Make of Truck	Model	Wrench Number
Auburn	All Models	(2) 422, (1) 424	Federal	X8	(2) 424, (1) 425
Buick		(1) 422	Fageol	106, 130, 135, 250	(1) 420, (2) 422
Chandler	All Models	(3) 422	Fageol	365, 370, 470, 6-66	(1) 420, (2) 422
Chevrolet	4 and 5	(1) 424	Fageol	485, 10-66A, 10-66C	(2) 424, (1) 426
Chrysler		(2) 422, (1) 424	Freeman	DW144, DW186	(1) 424, (2) 426
Cunningham		(2) 422	Freeman	BA, BAS, BASP, GL	(1) 426, (2) 428
De Soto	6 and 8	(3) 422	F. W. D.	BT1.6, H16, H116	(1) 420, (2) 422
Dodge	Standard & Victory 6 & 8	(3) 422	Garford	S11	(1) 424, (2) 426
Dodge	Senior 6	(2) 422, (1) 424	Garford	40	(3) 422
Durant		(1) 422, (1) 424	Garford	60, 80, 100	(1) 426, (2) 428
Elcar		(2) 422, (1) 424	General Motors	T11, T19	(3) 422
Erskine		(1) 420, (1) 422, (1) 424	Gottfredson	RB24, RW44, RW54, RW64A	(1) 424, (2) 426
Essex		(2) 422	Gottfredson	RB56, RW56	(3) 422
Graham	6	(3) 422	Gottfredson	RW84A, RW104A	(1) 426, (2) 428
Graham	8	(2) 422, (1) 424	G. P.	42-6, 47-6, 48-8, 52-6	(1) 422, (1) 424
Gardner		(2) 422, (1) 424	G. P.	57-4, 82-4, 92-4, 92-6, 92SW, 100SW	(2) 424, (1) 426
Hudson		(2) 422	G. P.	57-6, 82-6, 57SW, 82SW	(1) 420, (2) 422
Hupp	8E and 8M	(2) 422	Gramm	B, C, D, E150, 45, 48	(1) 422, (1) 424
Jordan		(1) 422, (2) 424	Gramm-Bernstein	10, 115	(1) 422, (1) 424
Kissel		(2) 422, (1) 424	Gramm-Bernstein	115S, B6, B6X	(2) 422, (1) 424
Lincoln		(2) 422	Gramm-Bernstein	C, C6, 30, 40, 50	(2) 424, (1) 425
Marmon	68	(2) 422, (1) 424	Gullder	H	(1) 424, (2) 426
Marquette		(3) 422	Gullder	J, L6, 7	(1) 426, (2) 428
Nash	Standard 6	(2) 422, (1) 424	Hahn	B2, S14, 34, 44, 76	(3) 422
Nash	Special and Advanced	(1) 422	Hahn	SJ6, 36, 46	(3) 422
Oakland	6	(3) 422	Hahn	KS, L, 56, 465, R, N, 25, 29	(2) 424, (1) 425
Olds	6	(3) 422	Hahn	17H, 37H, 37HL	(2) 422, (1) 424
Packard		(2) 422	Harvey	WG, WG6	(1) 424, (2) 426
Peerless	6-61, 6-81, 6-91, 125	(2) 422, (1) 424	Harvey	WHC	(1) 426, (2) 428
Pierce Arrow	36	(1) 422, (1) 426	Hawkeye	30, 36, 50-48, 50-60	(1) 424, (2) 426
Pierce Arrow	81	(1) 424, (1) 426	Hawkeye	50-75	(1) 426, (2) 428
Pierce Arrow	8 Cylinder	(2) 422, (1) 424	Hendrickson	ST6, T6	(1) 424, (2) 426
Plymouth		(3) 422	Hendrickson	U6, SSW, MSW, SW610	(1) 426, (2) 428
Pontiac		(3) 422	Hug	22, 60, 66, 26, 81, 84, 41, 86, 486, 87	(1) 424, (2) 426
Reo Wolverine		(2) 422, (1) 424	Hug	97, C97, 98	(1) 426, (2) 428
Reo Flying Cloud		(3) 422	Indiana	11, 11X, 111	(3) 422
Rolls Royce		(1) 422, (1) 424	International		
Studebaker		(1) 420, (1) 422, (1) 424	Harvester	Spec. Del.	(1) 420, (2) 422
Whippet		(3) 422	International		
Willys 6		(1) 420, (2) 422	Harvester	1 1/4, 1 1/2 T, 2T	(1) 422, (1) 424
			La France Republic	1T, 1 1/4 T, 1 1/2 T, 2T, 2 1/2 T, 3T	(1) 422, (1) 424
			La France Republic	M1	(1) 420, (2) 422
			Larrabee	20, 30	(2) 422, (1) 424
			Maccar	1 1/2 T, 56	(1) 424, (2) 426
			Maccar	64, 66, 84, 86	(1) 426, (2) 428
			Moreland Ace	RR7	(2) 422, (1) 424
			Packard		(2) 422
			Pierce Arrow		(1) 422, (1) 424, (1) 426
			Relay	S11, 50	(1) 424, (2) 426
			Relay	40	(3) 422
			Relay	60, 80, 60SW	(1) 426, (2) 428
			Reo		(2) 422
			Republic		(1) 422, (1) 424
			Sanford	N, NO, AX	(2) 422, (1) 424
			Selden	17, 317, 37	(2) 422, (1) 424
			Schacht	15, 20, 20A	(2) 422, (1) 424
			Schacht	25	(1) 420, (2) 422
			Schacht	60, 65, 70	(1) 420, (2) 422
			Standard	K, KS, 5-7	(2) 424, (1) 425
			Sterling	1 1/4 T, 1 1/2 T	(2) 422, (1) 424
			Sterling	2T, 3T, 3 1/2 T, 4 1/2 T	(1) 420, (2) 422
			Sterling	4T, 5T	(1) 420, (2) 422
			Stewart		(1) 422, (1) 424
			United	20, 30, 32, 50, 40D	(3) 422
			United	20C6	(2) 422, (1) 424
			United	32C6, 50C6	(2) 424, (1) 425
			U. S.	U, L, 20, 21, 30, 31	(1) 424, (2) 426
			U. S.	T, 40	(1) 426, (2) 428
			Valley	1 1/4 T, 1 1/2 T, 2, 2 1/2 T	(3) 422
			Ward La France	25R, 30RU	(1) 420, (2) 422
			Ward La France	35R, 4E6, 45D	(1) 420, (2) 422
			Ward La France	5B6	(2) 424, (1) 426
			White		(2) 424
			Witt-Will	SL, L, A4, AA, AS	(2) 424, (1) 425
			Woods	32, 41, 45, 53, 90	(3) 422
			World	D60, D88, D115	(1) 422, (1) 424
Make of Truck	Model	Wrench Number			
Acme	26, 30P, 40P, 47	(2) 422, (1) 424			
Acme	64, 90L, 150, 151	(2) 424, (1) 425			
Acorn	20P, 30P, 40P	(2) 422, (1) 424			
Acorn	45P, 50, 50P	(1) 424, (2) 426			
Acorn	100	(1) 426, (2) 428			
Armleder	30, 40	(3) 422			
Armleder	30B, 30-6, 40P, 50-6, 60	(1) 424, (2) 426			
Armleder	55	(2) 424, (1) 428			
Armleder	60-6, 70-6, 70	(1) 426, (2) 428			
Atterbury	A-6, K-6, G-6	(1) 422, (1) 424			
Atterbury	22C, 22D, 24E	(2) 424, (1) 425			
Biederman	1, 1 1/4 and 1 1/2 Ton	(1) 420, (2) 424			
Biederman	2 1/2 and 3 1/2 Ton	(2) 422, (1) 425			
Brockway	75 and 90	(2) 422, (1) 424			
Brockway	KR, R, RT, T	(2) 424, (1) 425			
Brockway	BT	(1) 426, (2) 428			
Clinton	20B, 32, 45, 65, 65-6	(1) 424, (2) 426			
Clinton	85-6, 90, 90M, 120L, 120LM	(1) 426, (2) 428			
Clydesdale	12 and 14	(1) 420, (2) 424			
Clydesdale	6, 6X, 8, 4, 4X, 2	(2) 424, (1) 425			
Commerce	S11	(1) 424, (2) 426			
Commerce	40	(3) 422			
Commerce	60, 80, 100, 100ZB	(1) 426, (2) 428			
Day-Elder	MF, GF, HF, HBF	(2) 422, (1) 424			
Defiance	OX	(2) 424, (1) 425			
Defiance	OXH	(3) 422			
Denby	41, 41A, 43	(3) 422			
Denby	27	(2) 424, (1) 425			
Duplex	GF, GS, S, FAC, EF	(1) 424, (2) 426			
Duplex	SAC, MS-7	(1) 426, (2) 428			
Eagle	6-10, 6-25	(2) 422, (1) 424			
Federal	4FW	(1) 420, (2) 422			
Federal	F7, A6, A6T, A6TW	(2) 422, (1) 424			

Bonney Forge and Tool Works..Allentown, Pa.

401 Series 'CV' Chrome-Vanadium Tappet Wrenches



Bonney 'CV' Chrome-Vanadium Tappet Wrenches of the 401 Series are of the proper length (eight inches), therefore allow the mechanic to work clear of the motor when it is hot. The angle of the heads also allows him to reach around into normally inaccessible locations.

Most cars require three wrenches to make complete tappet adjustments. Consequently, the 401 series Tappet Wrenches is designed so that two may be worked like scissors with one hand while the third is used in the other hand. Both openings in this series are of the same size but are at different angles. One opening is straight, the other at $22\frac{1}{2}^\circ$.

Wrench No.	Openings Milled	S. A. E. Standard Nuts Bolt Size	U. S. S. Nuts Bolt Size	Extreme Length	Thickness of Head	Dealers' Net
401	$\frac{3}{8}$	8	$\frac{5}{32}$	\$0.55
401A	$\frac{1}{16}$	$\frac{1}{4}$	.....	8	$\frac{5}{32}$
402	$\frac{1}{2}$	$\frac{5}{16}$	$\frac{1}{4}$	8	$\frac{5}{32}$	
402A	$17\frac{1}{32}$	.....	.....	8	$\frac{5}{32}$
403	$\frac{9}{16}$	$\frac{3}{8}$	.....	8	$\frac{5}{32}$
403A	$19\frac{1}{32}$	$\frac{5}{16}$	8	$\frac{5}{32}$.65
404	$\frac{5}{8}$	$\frac{7}{16}$	.....	8	$\frac{3}{16}$
404A	$21\frac{1}{32}$	.....	.....	8	$\frac{3}{16}$
405	$11\frac{1}{16}$	.....	$\frac{3}{8}$	8	$\frac{3}{16}$
406	$\frac{3}{4}$	$\frac{1}{2}$	8	$\frac{7}{32}$.70
406A	$25\frac{1}{32}$	.....	$\frac{7}{16}$	8	$\frac{7}{32}$
407	$13\frac{1}{16}$	.....	.....	8	$\frac{7}{32}$
407A	$\frac{7}{8}$	$\frac{9}{16}$	$\frac{1}{2}$	8	$\frac{7}{32}$	
408	$15\frac{1}{16}$	$\frac{5}{8}$	8	$\frac{7}{32}$.80
408A	$31\frac{1}{32}$	.....	$\frac{9}{16}$	8	$\frac{7}{32}$
409	1	$11\frac{1}{16}$	.....	8	$\frac{7}{32}$

Tappet Wrench Set No. 412



The No. 412 Tappet Set consists of two each Nos. 402, 403, 404 and 405 Bonney 'CV' Chrome-Vanadium Valve Tappet Wrenches.

Prices Dealers' Net

In Cardboard Box . . . \$4.30

In Leatherette Roll . . . 4.80

In Metal Box 4.80



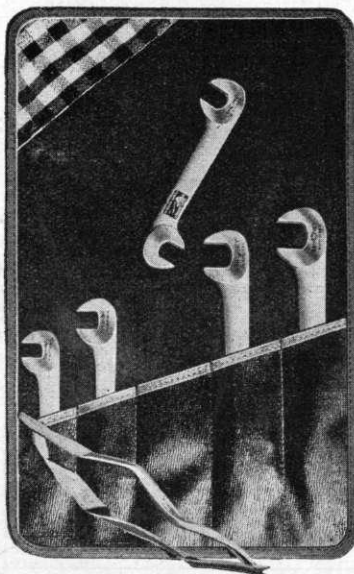
BONNEY 'CV' Chrome-Vanadium Wrenches

'CV' Chrome-Vanadium Right-Angle Wrenches

Bonney 'CV' Chrome-Vanadium Right-Angle Wrenches are designed for work in close quarters where it is impossible to use wrenches with openings at 15° or 22½°. Difficult adjustments of this type are found in work on brakes, manifolds, cylinder-heads, etc. The heads of Bonney 'CV' Right-Angle Wrenches are pear shaped and of similar design to Bonney 'CV' Engineers' Wrenches. The handles are shaped to give the operator a comfortable grip. They are Chrome-Plated and have buffed heads. All are rigidly inspected, tested, and are guaranteed not to break or spread.

Wrench No.	U. S. S. Bolt Size	Hex. Head Cap Screw	S. A. E. Standard Screw and Nut	Openings Milled	Extreme Length	Thickness of Head	Dealers' Net
2721	½ &	¾ &	¾ &	5/16 & 3/8	4 1/4	7/32	\$0.35
2021	½ & 3/16	¾ & 1/4	¾ & 1/4	5/16 & 15/32	4 1/4	7/32	
2722	½ &	¾ &	¾ &	5/16 & 7/16	4 1/4	7/32	
2723	½ &	¾ &	¾ &	5/16 & 7/16	4 1/4	7/32	
2022	3/8 & 1/4	5/16 & 3/8	5/16 & 3/8	5/16 & 1/2	4 3/8	7/32	.40
2023	3/8 & 1/4	5/16 & 3/8	5/16 & 3/8	5/16 & 1/2	4 3/8	7/32	
2723A	3/8 &	5/16 &	5/16 &	5/16 & 3/8	4 3/8	7/32	
2724	3/8 &	5/16 &	5/16 &	5/16 & 3/8	4 3/8	7/32	
2024	3/8 & 1/4	5/16 & 3/8	5/16 & 3/8	5/16 & 1/2	5 1/2	13/64	.45
2725	3/8 & 1/4	5/16 & 3/8	5/16 & 3/8	5/16 & 1/2	5 1/2	13/64	
2725A	3/8 &	5/16 &	5/16 &	5/16 & 3/8	5 1/2	13/64	
2725B	3/8 &	5/16 &	5/16 &	5/16 & 3/8	5 1/2	13/64	
2025	3/8 & 1/4	5/16 & 3/8	5/16 & 3/8	5/16 & 1/2	5 1/2	13/64	.55
2726	3/8 &	5/16 &	5/16 &	5/16 & 3/8	5 1/2	13/64	
2026	3/8 & 3/16	5/16 & 7/16	5/16 & 7/16	5/16 & 11/16	6 1/2	9/32	
2727	3/8 & 3/16	5/16 & 7/16	5/16 & 7/16	5/16 & 11/16	6 1/2	9/32	
2027	3/8 &	5/16 &	5/16 &	5/16 & 11/16	6 1/2	9/32	.70
2027C	3/8 &	5/16 &	5/16 &	5/16 & 11/16	6 1/2	9/32	
2028	5/16 & 7/16	5/16 & 7/16	5/16 & 7/16	5/16 & 25/32	7 1/2	5/16	
2728	5/16 &	5/16 &	5/16 &	5/16 & 25/32	7 1/2	5/16	
2028S	5/16 &	5/16 &	5/16 &	5/16 & 25/32	7 1/2	5/16	.95
2729	5/16 &	5/16 &	5/16 &	5/16 & 25/32	7 1/2	5/16	
2029	5/16 & 7/16	5/16 & 7/16	5/16 & 7/16	5/16 & 15/16	7 1/2	5/16	
2730	5/16 &	5/16 &	5/16 &	5/16 & 15/16	7 1/2	5/16	
2030	5/16 & 3/8	5/16 & 3/8	5/16 & 3/8	5/16 & 11/16	7 1/2	5/16	.95
2731	5/16 &	5/16 &	5/16 &	5/16 & 13/16	9	3/8	
2731A	5/16 &	5/16 &	5/16 &	5/16 & 13/16	9	3/8	
2031	5/16 & 1/2	5/16 & 1/2	5/16 & 1/2	5/16 & 25/32	9	3/8	
2731B	5/16 & 1/2	5/16 & 1/2	5/16 & 1/2	5/16 & 25/32	9	3/8	.95
2732	5/16 &	5/16 &	5/16 &	5/16 & 1	9	3/8	
2032	5/16 & 1/2	5/16 & 1/2	5/16 & 1/2	5/16 & 25/32	9	3/8	
2732A	5/16 &	5/16 &	5/16 &	5/16 & 1	9	3/8	
2033A	5/16 &	5/16 &	5/16 &	5/16 & 1	9	3/8	.95
2033	5/16 & 3/8	5/16 & 3/8	5/16 & 3/8	5/16 & 25/32	9	3/8	

Right-Angle Wrench Set No. 40



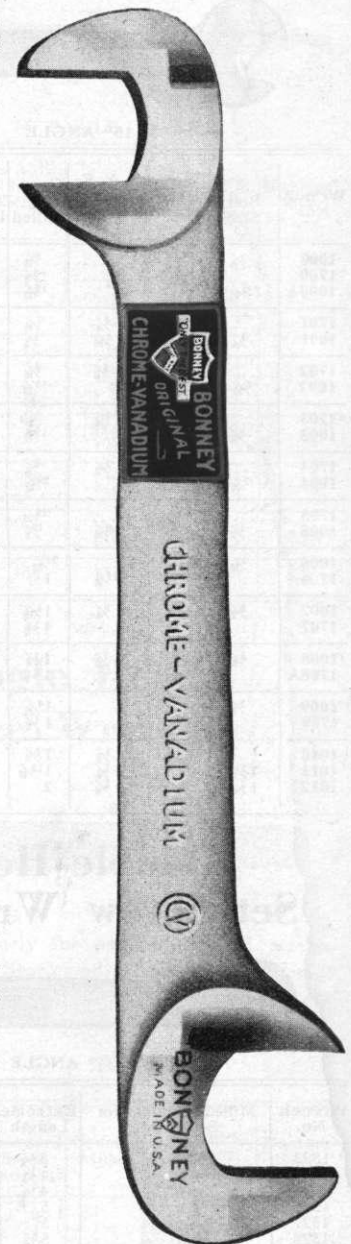
The Bonney 'CV' Chrome-Vanadium Right-Angle Wrench Set No. 40 contains one each of the following Right-Angle Wrenches. Nos. 2723, 2025, 2027C, 2028S, 2731A.

There are no duplicate openings. The Wrenches fit U.S. Standard Nuts ¼", 5/16", 3/8", 7/16", ½", S.A.E. Nuts ¼", 5/16", 3/8", 7/16", ½", 9/16", and Hexagon Cap Screws 3/16", ¼", 5/16", 3/8", 7/16", ½", 5/8".

Prices Dealers' Net

In Cardboard Box.....\$2.70

In Leatherette Roll..... 3.20



Every Bonney 'CV' Chrome-Vanadium Right-Angle Wrench is guaranteed not to break or spread.

Bonney Forge and Tool Works..Allentown, Pa.

Single-Head Engineers' Wrenches



15° ANGLE

Wrench No.	U. S. S. Bolt Size	Hex. Head Cap Screw	S. A. E. Standard Screw and Nut	Opening Milled	Extreme Length	Thickness Head	Dealers' Net
1000 1700 1000A	$\frac{1}{8}$ $\frac{1}{8}$	$\frac{1}{8}$ $\frac{1}{8}$		$\frac{5}{16}$ $\frac{5}{16}$	$3\frac{1}{2}$ 4	$\frac{7}{16}$ $\frac{1}{4}$	\$0.25
1701 1001	$\frac{1}{4}$	$\frac{1}{4}$ $\frac{1}{4}$	$\frac{1}{4}$ $\frac{1}{4}$	$\frac{7}{16}$ $\frac{1}{2}$	$4\frac{5}{8}$ $4\frac{5}{8}$	$\frac{9}{16}$ $\frac{1}{2}$	.30
1702 1002	$\frac{3}{8}$	$\frac{3}{8}$	$\frac{3}{8}$	$\frac{9}{16}$ $\frac{11}{16}$	$5\frac{1}{8}$ $5\frac{1}{2}$	$\frac{5}{8}$ $\frac{5}{8}$	.40
1703 1003	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{11}{16}$ $\frac{11}{16}$	$6\frac{3}{8}$ $6\frac{3}{8}$	$\frac{11}{16}$ $\frac{11}{16}$	.50
1704 1004	$\frac{3}{4}$	$\frac{3}{4}$	$\frac{3}{4}$	$\frac{13}{16}$ $\frac{13}{16}$	$7\frac{1}{4}$ $7\frac{1}{4}$	$\frac{3}{4}$ $\frac{3}{4}$	.60
1705 1005	$\frac{7}{8}$	$\frac{7}{8}$	$\frac{7}{8}$	$\frac{15}{16}$ $\frac{15}{16}$	$8\frac{1}{8}$ $8\frac{1}{8}$	$\frac{7}{8}$ $\frac{7}{8}$	.70
1006 1706	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{11}{16}$	$\frac{31}{64}$ 1	$9\frac{1}{4}$ $9\frac{1}{4}$	$\frac{1}{2}$ $\frac{1}{2}$	.80
1007 1707	$\frac{3}{8}$	$\frac{7}{8}$	$\frac{3}{4}$	$\frac{11}{16}$ $\frac{11}{16}$	$10\frac{1}{8}$ $10\frac{1}{2}$	$\frac{9}{16}$ $\frac{9}{16}$	1.05
1008 1708A	$\frac{3}{4}$	1 $1\frac{1}{8}$	$\frac{7}{8}$	$\frac{11}{16}$ $\frac{11}{16}$	12 12	$\frac{5}{8}$ $\frac{5}{8}$	1.40
1009 1709	$\frac{3}{8}$	$1\frac{1}{4}$	1	$\frac{11}{16}$ $1\frac{1}{2}$	$13\frac{1}{8}$ $13\frac{1}{2}$	$\frac{25}{32}$ $\frac{25}{32}$	2.15
1010 1011 1012	1 $1\frac{1}{8}$ $1\frac{1}{4}$	$1\frac{3}{8}$ $1\frac{3}{8}$ $1\frac{3}{8}$	$1\frac{1}{8}$ $1\frac{1}{4}$ $1\frac{3}{8}$	$1\frac{5}{8}$ $\frac{11}{16}$ 2	15 $16\frac{1}{8}$ $18\frac{1}{4}$	$\frac{25}{32}$ $\frac{7}{8}$ $\frac{15}{16}$	3.00 3.85 5.35

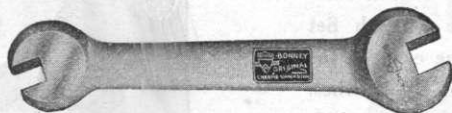
Standard 'S' Wrenches



22 1/2° ANGLE

Wrench No.	U. S. S. Bolt Size	Hex. Head Cap Screw	S. A. E. Standard Screw and Nut	Openings Milled	Ext. Length	Thickness Head	Dealers' Net
1075C 1075B 1075A 1075	$\frac{1}{8}$ $\frac{1}{8}$ $\frac{1}{8}$ $\frac{1}{8}$	$\frac{1}{8}$ $\frac{1}{8}$ $\frac{1}{8}$ $\frac{1}{8}$	$\frac{1}{8}$ $\frac{1}{8}$ $\frac{1}{8}$ $\frac{1}{8}$	$\frac{1}{4}$ $\frac{3}{8}$ $\frac{3}{8}$ $\frac{13}{32}$	$\frac{5}{16}$ $\frac{7}{16}$ $\frac{1}{2}$ $\frac{5}{16}$	$\frac{1}{4}$ $\frac{1}{4}$ $\frac{1}{4}$ $\frac{1}{4}$	\$0.55
1077S 1077C 1077B 1077A 1077	$\frac{1}{4}$ $\frac{1}{4}$ $\frac{1}{4}$ $\frac{1}{4}$ $\frac{1}{4}$	$\frac{1}{4}$ $\frac{1}{4}$ $\frac{1}{4}$ $\frac{1}{4}$ $\frac{1}{4}$	$\frac{1}{4}$ $\frac{1}{4}$ $\frac{1}{4}$ $\frac{1}{4}$ $\frac{1}{4}$	$\frac{7}{16}$ $\frac{7}{16}$ $\frac{7}{16}$ $\frac{7}{16}$ $\frac{7}{16}$	$\frac{1}{2}$ $\frac{1}{2}$ $\frac{1}{2}$ $\frac{1}{2}$ $\frac{1}{2}$	$\frac{3}{8}$ $\frac{3}{8}$ $\frac{3}{8}$ $\frac{3}{8}$ $\frac{3}{8}$	.65
1079F 1079B 1079S 1079A 1079E 1079D 1079 1079C	$\frac{3}{8}$ $\frac{3}{8}$ $\frac{3}{8}$ $\frac{3}{8}$ $\frac{3}{8}$ $\frac{3}{8}$ $\frac{3}{8}$ $\frac{3}{8}$	$\frac{3}{8}$ $\frac{3}{8}$ $\frac{3}{8}$ $\frac{3}{8}$ $\frac{3}{8}$ $\frac{3}{8}$ $\frac{3}{8}$ $\frac{3}{8}$	$\frac{3}{8}$ $\frac{3}{8}$ $\frac{3}{8}$ $\frac{3}{8}$ $\frac{3}{8}$ $\frac{3}{8}$ $\frac{3}{8}$ $\frac{3}{8}$	$\frac{1}{2}$ $\frac{1}{2}$ $\frac{1}{2}$ $\frac{1}{2}$ $\frac{1}{2}$ $\frac{1}{2}$ $\frac{1}{2}$ $\frac{1}{2}$	$\frac{3}{4}$ $\frac{3}{4}$ $\frac{3}{4}$ $\frac{3}{4}$ $\frac{3}{4}$ $\frac{3}{4}$ $\frac{3}{4}$ $\frac{3}{4}$	$\frac{5}{8}$ $\frac{5}{8}$ $\frac{5}{8}$ $\frac{5}{8}$ $\frac{5}{8}$ $\frac{5}{8}$ $\frac{5}{8}$ $\frac{5}{8}$	.80
1081E 1081C 1081 1081B 1081A 1081D	$\frac{1}{2}$ $\frac{1}{2}$ $\frac{1}{2}$ $\frac{1}{2}$ $\frac{1}{2}$ $\frac{1}{2}$	$\frac{1}{2}$ $\frac{1}{2}$ $\frac{1}{2}$ $\frac{1}{2}$ $\frac{1}{2}$ $\frac{1}{2}$	$\frac{1}{2}$ $\frac{1}{2}$ $\frac{1}{2}$ $\frac{1}{2}$ $\frac{1}{2}$ $\frac{1}{2}$	$\frac{5}{8}$ $\frac{5}{8}$ $\frac{5}{8}$ $\frac{5}{8}$ $\frac{5}{8}$ $\frac{5}{8}$	$\frac{7}{8}$ $\frac{7}{8}$ $\frac{7}{8}$ $\frac{7}{8}$ $\frac{7}{8}$ $\frac{7}{8}$	$\frac{3}{4}$ $\frac{3}{4}$ $\frac{3}{4}$ $\frac{3}{4}$ $\frac{3}{4}$ $\frac{3}{4}$	1.00
1083F 1083D 1083E 1083B 1083C 1083A	$\frac{3}{4}$ $\frac{3}{4}$ $\frac{3}{4}$ $\frac{3}{4}$ $\frac{3}{4}$ $\frac{3}{4}$	$\frac{3}{4}$ $\frac{3}{4}$ $\frac{3}{4}$ $\frac{3}{4}$ $\frac{3}{4}$ $\frac{3}{4}$	$\frac{3}{4}$ $\frac{3}{4}$ $\frac{3}{4}$ $\frac{3}{4}$ $\frac{3}{4}$ $\frac{3}{4}$	$\frac{13}{16}$ $\frac{13}{16}$ $\frac{13}{16}$ $\frac{13}{16}$ $\frac{13}{16}$ $\frac{13}{16}$	$\frac{7}{8}$ $\frac{7}{8}$ $\frac{7}{8}$ $\frac{7}{8}$ $\frac{7}{8}$ $\frac{7}{8}$	$\frac{7}{8}$ $\frac{7}{8}$ $\frac{7}{8}$ $\frac{7}{8}$ $\frac{7}{8}$ $\frac{7}{8}$	1.30
1085 1085A 1085B	$\frac{1}{2}$ $\frac{1}{2}$ $\frac{1}{2}$	$\frac{1}{2}$ $\frac{1}{2}$ $\frac{1}{2}$	$\frac{1}{2}$ $\frac{1}{2}$ $\frac{1}{2}$	1 $1\frac{1}{8}$ $1\frac{1}{8}$	$1\frac{1}{8}$ $1\frac{1}{4}$ $1\frac{1}{4}$	$\frac{1}{2}$ $\frac{1}{2}$ $\frac{1}{2}$	1.85

Double-Head Set Screw Wrenches



22 1/2° ANGLE

Wrench No.	Milled Openings for Set Screws	Extreme Length	Thickness Head	Dealers' Net
1523	$\frac{1}{8}$ & $\frac{1}{4}$	$3\frac{1}{2}$	$\frac{1}{4}$	\$0.35
1524	$\frac{3}{16}$ & $\frac{1}{2}$	$4\frac{1}{4}$	$\frac{5}{16}$	.45
1525	$\frac{1}{4}$ & $\frac{5}{8}$	$4\frac{1}{4}$	$\frac{5}{16}$	.45
1526	$\frac{1}{4}$ & $\frac{3}{4}$	5	$\frac{5}{8}$	.55
1527	$\frac{5}{16}$ & $\frac{3}{4}$	5	$\frac{11}{16}$	.55
1528	$\frac{5}{16}$ & $\frac{7}{8}$	$5\frac{3}{4}$	$\frac{3}{4}$	.65
1529	$\frac{3}{8}$ & $\frac{7}{8}$	$5\frac{3}{4}$	$\frac{3}{4}$	.65
1530	$\frac{3}{8}$ & 1	$6\frac{5}{8}$	$\frac{7}{8}$	.80
1531	$\frac{7}{16}$ & $1\frac{1}{2}$	$6\frac{5}{8}$	$\frac{7}{8}$	.80
1532	$\frac{7}{16}$ & $\frac{9}{16}$	$7\frac{1}{2}$	$\frac{1}{2}$	1.00
1533	$\frac{1}{2}$ & $\frac{9}{16}$	$7\frac{1}{2}$	$\frac{1}{2}$	1.00
1534	$\frac{1}{2}$ & $\frac{5}{8}$	$8\frac{1}{2}$	$\frac{9}{16}$	1.20
1535	$\frac{9}{16}$ & $\frac{5}{8}$	$8\frac{1}{2}$	$\frac{9}{16}$	1.20
1536	$\frac{9}{16}$ & $\frac{3}{4}$	$9\frac{3}{4}$	$\frac{5}{8}$	1.50
1537	$\frac{5}{8}$ & $\frac{3}{4}$	$9\frac{3}{4}$	$\frac{5}{8}$	1.50
1538	$\frac{5}{8}$ & $\frac{7}{8}$	11	$\frac{11}{16}$	1.85
1539	$\frac{3}{4}$ & $\frac{7}{8}$	11	$\frac{11}{16}$	1.85
1540	$\frac{3}{4}$ & 1	$12\frac{1}{2}$	$\frac{3}{4}$	2.40
1541	$\frac{7}{8}$ & 1	$12\frac{1}{2}$	$\frac{3}{4}$	2.40

Short 'S' Wrenches

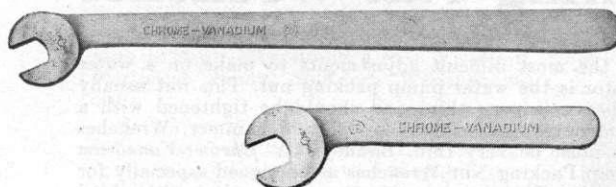


22 1/2° ANGLE

Wrench No.	U. S. S. Bolt Size	Hex. Head Cap Screw	S. A. E. Standard Screw and Nut	Openings Milled	Ext. Len- gth	Thick- ness Head	Dealers Net
1070	.....	$\frac{3}{16}$ & $\frac{1}{4}$	& $\frac{1}{4}$	$\frac{3}{8}$ & $\frac{1}{2}$	4	$\frac{1}{4}$	\$0.40
1071	$\frac{1}{4}$ &	$\frac{5}{16}$ & $\frac{3}{8}$	$\frac{3}{16}$ & $\frac{3}{8}$	$\frac{1}{2}$ & $\frac{9}{16}$	5	$\frac{5}{16}$	.55
1072	.....	$\frac{1}{2}$ & $\frac{9}{16}$	$\frac{1}{2}$ &	$\frac{3}{4}$ & $1\frac{1}{16}$	6	$\frac{3}{8}$	.75
1073	$\frac{1}{2}$ &	$\frac{5}{8}$ & $\frac{3}{4}$	$\frac{3}{16}$ & $1\frac{1}{16}$	$\frac{1}{2}$ & 1	7	$\frac{1}{2}$	.95

BONNEY 'CV' Chrome-Vanadium Wrenches

Angle Head Service Wrenches



This line of Wrenches is especially suitable for production and service work. They are designed to take all the leverage that the extremely long handles will allow. They may also be used to make tappet adjustments on certain makes of cars. They are guaranteed not to break or spread.

Wrench No.	U. S. S. Bolt Size	Hex Head Cap Screw	S. A. E. Std. Screw and Nut	Opening Milled	Extreme Lgth.	Thickness of Head	Dealers' Net
Short Hdle.	1401	6" L	ONG	3/8	6	7/16	\$0.75
	1401A	3/16	3/4	7/16	6	7/16	
	1402	3/4	3/16	7/16	6	7/16	
	1402A	3/8	3/8	17/16	6	7/16	
	1403	3/16	3/8	17/16	6	7/16	
Med. Hdle.	1404A	9" L	ONG	3/8	9	9/16	0.95
	1404	3/16	3/8	9/16	9	9/16	
	1405	3/8	3/16	11/16	9	9/16	
	1406	3/16	3/2	11/16	9	9/16	
	1406A	12" L	ONG	3/8	12	7/16	
Long Hdle.	1501	3/16	3/4	7/16	12	7/16	1.15
	1501A	3/4	3/16	7/16	12	7/16	
	1502	3/8	3/8	17/16	12	7/16	
	1502A	3/16	3/8	17/16	12	7/16	
	1503	3/16	3/8	17/16	12	7/16	
	1503A	3/16	3/8	17/16	12	7/16	1.30
	1504	3/16	3/8	17/16	12	7/16	
	1505	3/8	3/16	11/16	12	7/16	
	1506	3/16	3/2	11/16	12	7/16	
	1506A	3/16	3/2	11/16	12	7/16	1.40
	1507	3/16	3/8	11/16	12	7/16	
	1507A	3/16	3/8	11/16	12	7/16	
	1508	3/16	3/8	11/16	12	7/16	
	1508A	3/16	3/8	11/16	12	7/16	
	1509	3/8	3/4	11/16	12	7/16	1.50
	1509A	3/8	3/4	11/16	12	7/16	

Structural Wrenches



Straight Opening and Offset Head

Wrench No.	U. S. S. Bolt Size	Opening Milled	Extreme Length	Thickness Head	Handle Offset	Dealers' Net
1903	3/8	23/16	10 1/2	7/16	15/16	\$1.00
1904	7/16	13/16	11	7/16	15/16	1.00
1905	3/2	29/16	13	7/16	15/16	1.30
1906	3/2	1	15	7/16	15/16	1.30
1907	3/2	1 1/4	17	7/16	15/16	1.85
1908	3/2	1 1/2	19	7/16	15/16	2.50
1909	3/2	1 3/4	21	7/16	15/16	3.35
1910	1	1 11/16	23	7/16	15/16	4.65

Construction Wrenches



15° ANGLE

Wrench No.	U. S. S. Bolt Size	Hex. Head Cap Screw	S. A. E. Standard Screw and Nut	Opening Milled	Ext. Lgh.	Thickness of Head	Dealers' Net
1450	3/8	3/2	3/2	11/16	9 1/2	7/16	\$0.85
1450A	3/16	3/2	3/2	11/16	9 1/2	7/16	
1451	3/16	3/2	3/2	11/16	9 1/2	7/16	
1451A	3/16	3/2	3/2	11/16	9 1/2	7/16	
1452	3/2	3/8	3/8	11/16	11	3/8	1.10
1452A	3/16	3/8	3/8	11/16	11	3/8	
1453	3/16	3/8	3/8	11/16	11	3/8	
1453A	3/16	3/8	3/8	11/16	11	3/8	
1454	3/8	3/8	3/4	11/16	13	3/8	1.50
1454A	3/8	3/8	3/4	11/16	13	3/8	
1455	3/4	1 1/8	7/8	1 1/4	15	5/8	2.10
1455A	3/4	1 1/8	7/8	1 1/4	15	5/8	
1456	3/8	1 1/4	1	1 1/4	17	11/16	2.80
1456A	3/8	1 1/4	1	1 1/4	17	11/16	
1457	1	1 3/8	1 1/8	1 5/8	19	3/4	3.90

Single Head Service Wrenches



Designed particularly for assembling and service work on pinion shaft bearing adjusting nuts. The heads are thin but sufficiently strong to stand the leverage that the 12 1/4 inch handle produces, without breaking or spreading.

Wrench No.	U. S. S. Bolt Size	Hex. Head Cap Screw	S. A. E. Standard Screw and Nut	Opening Milled	Ext. Lgh.	Thickness of Head	Dealers' Net
1932	3/8	3/4	11/16	1	12 1/4	1/4	\$1.55
1934	3/8	3/4	11/16	1 1/16	12 1/4	1/4	
1936	3/8	3/4	11/16	1 1/8	12 1/4	1/4	
1940	3/8	1 1/8	7/8	1 1/4	12 1/4	1/4	
1944	3/8	1 1/8	7/8	1 3/8	12 1/4	1/4	1.80
1946	3/8	1 1/8	1	1 1/2	12 1/4	3/16	
1948	3/8	1 1/8	1 1/8	1 5/8	12 1/4	3/16	
1952	3/8	1 1/8	1 1/8	1 5/8	12 1/4	3/16	
1956	1 1/8	1 1/2	1 1/4	1 3/4	12 1/4	5/16	1.95
1958	1 1/8	1 1/2	1 1/4	1 3/4	12 1/4	5/16	
1960	1 1/8	1 1/2	1 1/4	1 3/4	12 1/4	5/16	
1964	1 1/8	1 1/2	1 1/4	2	12 1/4	5/16	
1966	1 1/8	1 1/2	1 1/4	2 1/16	12 1/4	5/16	
1970	1 1/8	1 1/2	1 1/4	2 1/16	12 1/4	5/16	

Bonney Forge and Tool Works..Allentown, Pa.

'CV' Chrome - Vanadium Water Pump Packing Nut Wrenches



Opening
at Angle
of 30°

We manufacture
Water Pump Pack-
ing Nut Wrenches
for almost every
make of car. Write
for complete infor-
mation.

One of the most difficult adjustments to make on a water cooled motor is the water pump packing nut. This nut usually made of brass, is very thin; and should be tightened with a wrench and never with a drive punch and hammer. Wrenches to do this must be very thin. Bonney 'CV' Chrome-Vanadium Water Pump Packing Nut Wrenches are designed especially for this adjustment. Their use for other classes of work or with added leverage is not recommended.

Wrench No.	Opening Milled	Length	Thickness of Head	Dealers' Net
1224	3/4	7	1/4	\$0.90
1224A	1 1/8	7	1/4	
1226	1 1/8	7	1/4	
1228	1 1/8	7	1/4	
1230	1 1/8	7	1/4	
1232	1 1/8	7	1/4	
1232A	1 1/8	7	1/4	
1234	1 1/8	7	1/4	
1236	1 1/8	7	1/4	
1236S	1 1/8	7	1/4	
1236X	1 1/8	7	1/4	1.00
1238	1 1/8	7	1/4	
1240	1 1/4	7	1/4	
1242	1 1/8	7 3/4	3/16	1.25
1244	1 1/8	7 3/4	3/16	
1246	1 1/8	7 3/4	3/16	
1248	1 1/8	7 3/4	3/16	
1250	1 1/8	7 3/4	3/16	
1252	1 1/4	7 3/4	3/16	
1256	1 3/4	8 1/2	3/16	
1258	1 13/16	8 1/2	3/16	
1260	1 7/8	8 1/2	3/16	
1262	1 15/16	8 1/2	3/16	
1264	2	8 1/2	3/16	1.25
1264S	2 1/16	8 1/2	3/16	
1266	2 1/16	8 1/2	3/16	
1268	2 1/8	8 1/2	3/16	
1272	2 1/4	8 1/2	3/16	
1276	2 3/8	8 1/2	3/16	
1272S	2 1/2	8 1/2	3/16	

Water Pump Packing Nut Wrench Chart

Make of Car	Model	Wrench No.	Make of Car	Model	Wrench No.
Auburn	76	1254	Gardner		1234
Auburn	88	1234	Hudson	6	1246
Auburn	115	1234	Hudson	8	1238
Buick	116	1228	Hupmobile	8-E	1236
Buick	121	1228	Hupmobile	8-M	1236
Buick	129	1228	Hupmobile	Century 6	1230
Chandler	6-65	1256	Hupmobile	M-3	1232
Chandler	Big 6	1234	Jordan	R	1238
Chandler	Royal 75	1240	Jordan	J-E	1232
Chandler	Royal 85	1240	Jordan	1929	1236
Chevrolet	1928-4	1238	Marmon	78	1246
Chevrolet	" 6	1232A	Marmon	E-75	1246
Chrysler	62 & 65	1224	Marquette	1929	1236S
Chrysler	70-77-8 cyl.	1238	Nash—1929	Std. 6	1232
Chrysler	Imperial	1240	Nash—1929	Spec. 6	1236X
De Soto		1224	Nash—1929	Adv. 6	1236X
De Soto	8	1238	Oakland	1928-AA6	1224
Dodge	Standard 6-1928	1224A	Oakland	1929 & 1930	1224
Dodge	Victory 6-1928	1224A	Oldsmobile	F-28	1236S
Dodge	Senior 6-1928	1232	Oldsmobile	1931	1228
Dodge	6-1929	1238	Overland	1928-4	1228
Dodge	Senior 6-1929	1248	Overland	1928-6	1228
Dodge	Senior 8-1930	1238	Overland	1929-4	1224A
Durant	4	1232	Overland	1929-6	1224A
Durant	55	1232	Packard	626	1248
Durant	65	1232	Pierce-Arrow	1930	1234
Durant	75	1232	Plymouth	1931	1238
Durant	610-617	1232	Pontiac	1929 & 1930	1224
Durant	614	1250	Reo	Wolverine	1236
Erskine	1929	1236	Studebaker	Dictator & Com.	1240
Erskine	1930	1240	Studebaker	President	1252
Graham-Paige	610	1240	Viking		1236S
Graham-Paige	614	1240	Willys-Knight	56	1236
Graham-Paige	619	1240	Willys-Knight	70	1236
Graham-Paige	629	1240			
Graham-Paige	835	1240			

BONNEY 'CV' Chrome-Vanadium Wrenches

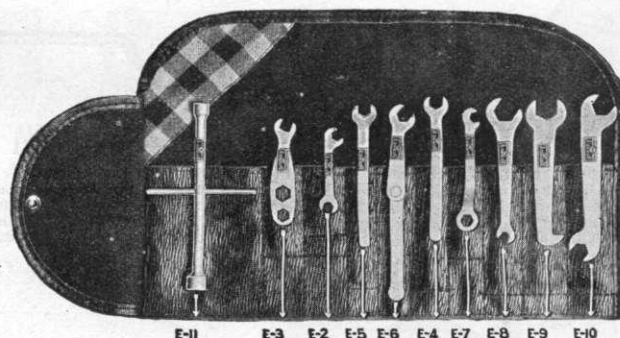
'CV' Chrome-Vanadium Ignition Set No.18

The Bonney No. 18 Ignition Set contains ten Wrenches, all made of *Chrome-Vanadium Steel*. They are suitable for use on ignition work on the most popular electrical systems such as Auto Lite, Bosch, Delco, Eisemann, Northeast, Remy, Splitdorf, Westinghouse, etc.

Each Wrench is designed to be most efficient for its particular application. They are light in weight, and so strong that they, too, carry the Bonney guarantee not to break or spread.

Prices Dealers' Net

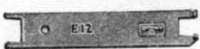
In Cardboard Box.....\$3.60
In Leatherette Roll.....4.00



PRICES OF INDIVIDUAL IGNITION WRENCHES

Wrench No.	Description	Dealers' Net	Wrench No.	Description	Dealers' Net
E2	Northeast, Splitdorf, Bosch....	\$0.30	E7	Bosch Du 4 & Du 6, Autolite...	\$0.40
E3	Eisemann .....	.30	E8	Delco Remy.....	.40
E4	Remy, Wagner.....	.30	E9	Remy Cam.....	.40
E5	Remy, Wagner.....	.30	E10	Autolite Generator.....	.40
E6	Ford, Third Brush .....	.50	E11	Bosch.....	.65

Delco-Remy Ignition Wrench No. E12

 This Ignition Wrench is specifically designed for Electrolock Cable Nuts on Delco-Remy electrical systems (Chevrolet). It is made of *Chrome-Vanadium Steel* and is Chrome-plated.

Price Dealers' Net.....\$0.35

Ignition Plier No. 2572

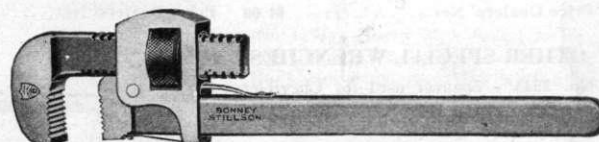


This handy little Plier finds many uses in electrical work on all the most popular electrical systems. Equipped with three notch slip joint.

Price Dealers' Net.....\$1.00

Stillson Wrenches

Bonney Stillson Wrenches are forged from high grade Tool Steel. They are hardened and tempered by methods which this company has developed throughout its many years of experience in this work. They are strong and sturdy and may always be depended on to do the job right.

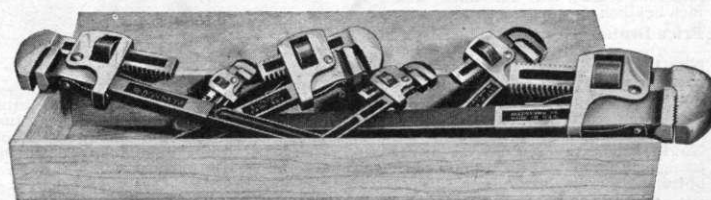


Size	Grips Pipe	Dealers' Net	Size	Grips Pipe	Dealers' Net
6"	1/8 to 1/2	\$0.75	14"	1/4 to 1 1/2	\$1.25
8"	1/8 to 3/4	.80	18"	1/4 to 2	1.80
10"	1/8 to 1	.90	24"	1/4 to 2 1/2	2.65
12"	1/4 to 1 1/4	1.05	36"	1/4 to 3 1/2	4.80

Stillson Wrench Assortment No. 77

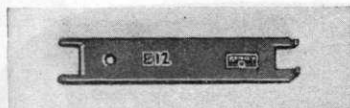
The Bonney Stillson Wrench Assortment No. 77 was specially selected to cover the complete range of requirements of Stillson Wrenches. It contains one each of the 6 inch, 8 inch, 10 inch, 14 inch, 18 inch and 24 inch wrenches. Comes packed in substantial wooden box. Weight 18 lbs.

Price Dealers' Net\$7.40



Bonney Forge and Tool Works..Allentown, Pa.

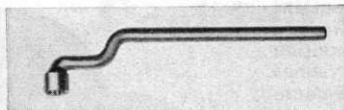
Special Chevrolet Wrenches



No. E12

This Ignition Wrench is specifically designed for Electrolock Cable Nuts on Delco Remy electrical systems (Chevrolet). It is made of *Chrome-Vanadium Steel* and is *Chrome-plated*.

Price Dealers' Net.....\$0.35



No. D2531

Double-Offset Wrench, with second offset at correct angle to clear obstructions and adjust 1932 model rear motor support, upper bolts. $\frac{1}{16}$ inch double-hexagon opening. Overall length 10 inches.

Price Dealers' Net.....\$1.00



No. 2540

For adjusting Chevrolet "4" main bearings. Overall length 13 inches. Wrench has $\frac{13}{16}$ inch and $\frac{7}{8}$ inch double-hexagon openings.

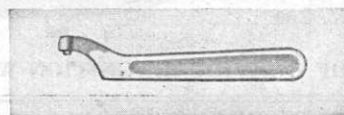
Price Dealers' Net.....\$1.85



No. 2573

Double-end Socket Wrench for adjusting Chevrolet "6" front body bolts. $\frac{1}{16}$ inch double-square openings.

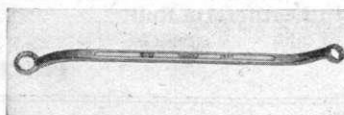
Price Dealers' Net.....\$1.30



No. 2576

The No. 2576 small Bonney Spanner greatly simplifies work on Electrolock Switch Nuts. It is especially recommended for this work.

Price Dealers' Net.....\$0.45



No. 2840

Used for adjusting Chevrolet "6" main bearings. The wrench has $\frac{5}{8}$ inch and $\frac{3}{4}$ inch double-hexagon openings. Its overall length is $13\frac{1}{2}$ inches.

Price Dealers' Net.....\$1.85



No. 2844

Designed to adjust manifold nuts, especially those of the Chevrolet "6". Length overall, 9 inches. It is a double-end, double-hexagon wrench with openings of $\frac{5}{16}$ inch.

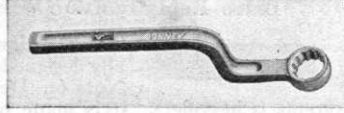
Price Dealers' Net.....\$1.00



No. 2854

For Chevrolet "6" starter cap screws. Its length is $7\frac{1}{2}$ inches, and it has a double-hexagon opening of $\frac{5}{8}$ inch.

Price Dealers' Net.....\$0.95



No. 2858

Here is a wrench for removing bowls of Chevrolet "6" carburetors. Length overall $7\frac{3}{4}$ inches. $\frac{3}{4}$ inch double-hexagon opening. Notice offset.

Price Dealers' Net.....\$1.00

OTHER SPECIAL WRENCHES

No. 2545 - Spanner used for Chevrolet steering column adjustments.

Price Dealers' Net.....\$0.60

No. 4234 - Heavy Duty Socket for 1929 and 1930 Chevrolet passenger car rear axle nut. Has $1\frac{1}{16}$ inch hexagon opening, $\frac{3}{4}$ inch drive.

Price Dealers' Net.....\$0.75

No. 4238 - Heavy Duty Socket for 1932 Chevrolet passenger car rear axle nut. Has $1\frac{1}{16}$ inch hexagon opening, $\frac{3}{4}$ inch drive.

Price Dealers' Net.....\$0.80

No. 4248 - Heavy Duty Socket for 1929 and 1930 Trucks. Has $1\frac{1}{2}$ inch hexagon opening and $\frac{3}{4}$ inch square drive.

Price Dealers' Net.....\$1.20

No. 4258 - Heavy Duty Socket for 1931 and 1932 trucks, rear axle nuts. Has $1\frac{1}{16}$ inch hexagon openings.

Price Dealers' Net.....\$1.85

No. 1232A - Chevrolet "6" water pump packing nut wrench. $1\frac{1}{16}$ inch opening, 7 inches long.

Price Dealers' Net.....\$0.90

No. LD32 - Extra-Deep Socket for Chevrolet spark plugs. 1 inch double-hexagon opening, $\frac{1}{2}$ inch square drive.

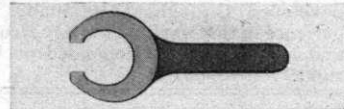
Price Dealers' Net.....\$0.85



No. 2879

A handy wrench for adjusting the free-wheeling control nut located on back of instrument panel. Has $\frac{13}{16}$ inch double-hexagon opening and $\frac{1}{16}$ inch slot. Made from *Chrome-Vanadium Steel*.

Price Dealers' Net.....\$1.35



No. 6167

Specifically designed to make adjustments on Chevrolet Brake Cross Rod. Length overall $7\frac{1}{4}$ inches, with a $\frac{13}{16}$ inch slot. This tool greatly simplifies this awkward adjustment.

Price Dealers' Net.....\$0.85



No. 6168

A special wrench for spark and throttle control rod nuts on back of instrument panel. Head has $\frac{5}{16}$ inch slot to pass over rod. Has $\frac{5}{16}$ inch double-hexagon opening. Overall length, 4 inches.

Price Dealers' Net.....\$0.90



No. 6886A

Designed to make adjustments on 1932 rear motor support, lower bolts. Has a $\frac{3}{4}$ inch double-hexagon opening. Overall length, 9 inches.

Price Dealers' Net.....\$0.95

BONNEY 'CV' Chrome-Vanadium Wrenches

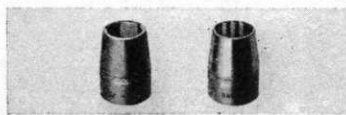
Special Ford Wrenches



No. F18

Special Socket for Ford V8 connecting rod bearing cap nuts. Has thin nose and $\frac{3}{8}$ inch double-hexagon opening. Equipped with $\frac{1}{2}$ inch square drive. Made of Chrome-Vanadium Steel.

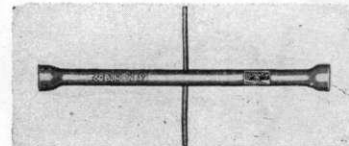
Price Dealers' Net.....\$0.55



Nos. D21 and 4021

These two sockets are used for adjusting Ford "A" and "AA" connecting rod bearing cap nuts. D21 has $\frac{3}{8}$ inch double-hexagon opening, 4021, $\frac{3}{8}$ inch single hexagon opening. Both have $\frac{1}{2}$ inch square drives.

Price Dealers' Net D21.....\$0.40
Price Dealers' Net 4021.....\$0.40



No. T50

Specially designed for jets in Model "A" Ford carburetor. Length 5 inches. Openings $\frac{1}{8}$ inch and $\frac{3}{16}$ inch.

Price Dealers' Net.....0.75



No. 2105A

For making adjustments on Ford Model "A", connecting rods. Overall length of wrench, 10 inches. Equipped with $\frac{3}{8}$ inch hexagon opening.

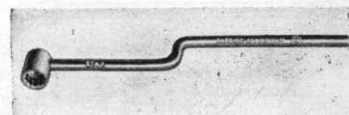
Price Dealers' Net.....\$0.85



No. 2545

For Ford Model "A" and "AA" water pump. A very handy spanner for this job. Length overall, $5\frac{1}{4}$ inches. Thickness $\frac{3}{16}$ inch.

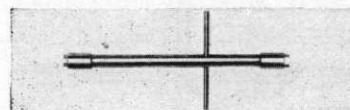
Price Dealers' Net.....\$0.60



No. 2549

Specially designed for Ford Model "A", rear main bearing adjusting. Its length is 15 inches, and has a $\frac{3}{4}$ inch double-hexagon opening. Made of Chrome-Vanadium steel.

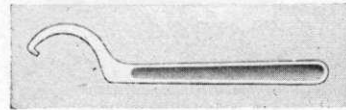
Price Dealers' Net.....\$1.35



No. 2577

Specifically designed for removing, replacing and adjusting main jets and fuel pump valves on Model V8. Both ends equipped with pins to do these jobs.

Price Dealers' Net.....\$1.00



No. 2578

The No. 2578 Spanner is a very handy tool for adjusting Ford Model V8 Fan Belts. It is highly recommended for this work. Made of Chrome-Vanadium Steel.

Price Dealers' Net.....\$0.85

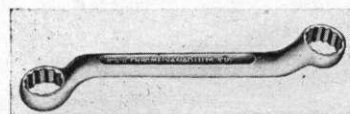
OTHER SPECIAL WRENCHES FOR FORDS

No. 4256 - Heavy Duty Socket for rear axle nuts on 1930 and 1931 models Fords. Has $1\frac{3}{4}$ inch hexagon opening, $\frac{3}{4}$ inch drive.

Price Dealers' Net.....\$1.65

No. 2822 - Single offset Box Wrench for use on Models "A" and "AA" cylinder head nuts. $1\frac{1}{8}$ inch double-hexagon openings in both ends.

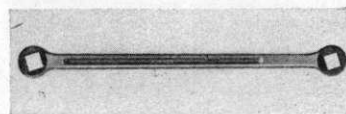
Price Dealers' Net.....\$1.00



No. 2804A

Box Wrench for use on Choke-Rod Nut, models "A" and "AA" carburetors. Has $\frac{13}{16}$ inch and $\frac{1}{4}$ inch double-hexagon openings. Overall length $5\frac{1}{2}$ inches. Made from Chrome-Vanadium Steel.

Price Dealers' Net.....\$0.70



No. 2857

Special Brake Wrench for work on Ford "A" and "AA" brakes. No. 2857 has $\frac{1}{4}$ inch and $\frac{1}{2}$ inch square openings. Overall length is $10\frac{1}{2}$ inches.

Price Dealers' Net.....\$1.05

T9 and T16 - Combination handle and socket used to make the very difficult adjustment on Ford crank case cap screws. Socket has $\frac{1}{2}$ inch double-hexagon opening.

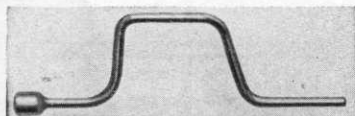
Price Complete Dealers' Net.....\$1.55

AN INVITATION

Bonney invites any mechanic who requires a special wrench which is not listed to write, giving full information.

Bonney Forge and Tool Works..Allentown, Pa.

Miscellaneous Special Wrenches



Nos. 2420, 2422, 2424, 2426, 2428

Bonney Carbon Steel Rim Wrenches are one piece. All have hexagon openings, No. 2420, $\frac{3}{8}$ inch, No. 2422, $1\frac{1}{8}$ inch, No. 2424, $\frac{3}{4}$ inch, No. 2426, $1\frac{3}{8}$ inch and 2428 $\frac{1}{2}$ inch openings.

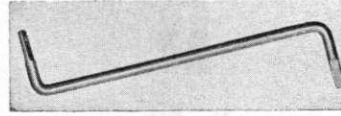
Price Dealers' Net.....\$0.40



No. 2544

For making Mack truck tappet adjustments on Models "AB" and "AC". Its overall length is 12 inches and it is $\frac{5}{16}$ inch thick. An open-end wrench with a $1\frac{1}{4}$ inch opening.

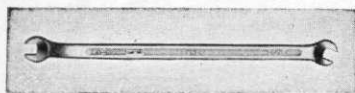
Price Dealers' Net.....\$2.00



No. 2568

Bonney Rim Tool for locking and un-locking Kelsey-Hayes and C. W. C. Rims. Overall length 18 $\frac{1}{2}$ inches.

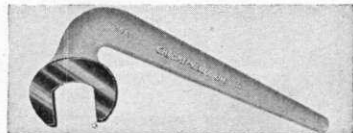
Price Dealers' Net.....\$1.30



Nos. 2552 - 2552A

This is an open-end offset wrench for wire wheel spoke nipples. The No. 2552 has $\frac{5}{16}$ inch openings, while the No. 2552A has $1\frac{1}{4}$ inch openings.

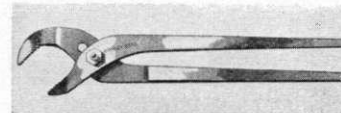
Price Dealers' Net.....\$1.20



Nos. 2569 - 2569A

Packard water Pump Packing Nut Wrenches for use on late models. Length 8 inches. Thickness $\frac{3}{4}$ inch. Opening, 2569 - $1\frac{1}{2}$ inches, 2569A - $1\frac{1}{4}$ inches.

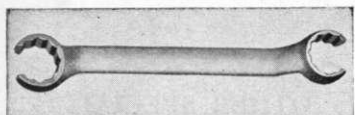
Price Dealers' Net.....\$1.50



No. 2570

Bonney Adjustable Plier. Made in the five-notch slip joint pattern providing a range from $\frac{1}{2}$ inch to $2\frac{1}{4}$ inches. Length 9 $\frac{1}{2}$ inches. Weight 8 oz.

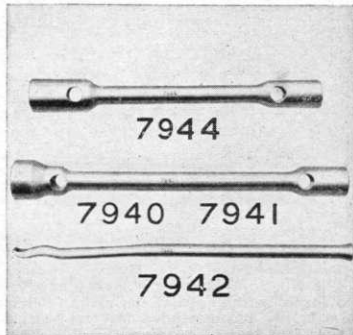
Price Dealers' Net.....\$1.45



Nos. 2880 - 2880A

Bonney Double-end, Double-hexagon Wrenches for wire wheel valve stem nuts. No. 2880 has $\frac{3}{8}$ inch and $\frac{3}{4}$ inch openings. No. 2880A $1\frac{1}{8}$ inch and $\frac{3}{4}$ inch openings. Use on other than stem nuts is not recommended.

Price Dealers' Net.....\$1.35

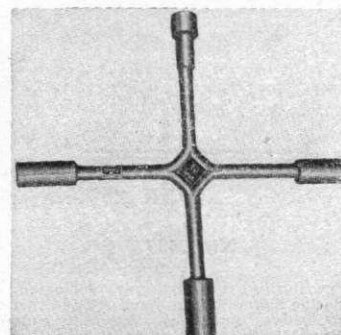


Nos. 7940, 7941, 7942, 7944,

Numbers 7940 and 7941 for use on Ford AA Trucks, Rim Nuts. 7944 for Rim Nuts on other makes of trucks. No. 7940 has $1\frac{3}{8}$ inch square and $1\frac{1}{2}$ inch hexagon openings. No. 7941 - $1\frac{3}{8}$ inch square and $1\frac{1}{2}$ inch hexagon openings. No. 7944 - $\frac{3}{4}$ inch and $1\frac{1}{4}$ inch hexagon openings. No. 7942 Handle and Pry bar, 20 inches long.

Prices Dealers' Net

No. 7940....\$1.50 No. 7941....\$1.50
No. 7942.... 0.65 No. 7944.... 1.50



No. 2553

Bonney Rim Wrench, made of Chrome-Vanadium Steel has double-hexagon openings $\frac{5}{8}$ inch, $\frac{3}{4}$ inch, $1\frac{1}{8}$ inch and $\frac{7}{8}$ inch.

Price Dealers' Net.....\$2.35

OTHER

BONNEY WRENCHES FOR SPECIAL JOBS

No. 2879 - Special Wrench for adjusting Essex Headlight Nut. Has $1\frac{1}{8}$ inch double-hexagon opening and $\frac{1}{4}$ inch slot.

Price Dealers' Net.....\$1.35

No. 2545 - Spanner for Chrysler 75 and 80 Water Pump.

Price Dealers' Net.....\$0.60

No. 2858 - Special Offset Wrench for front Body bolts, Oldsmobile and Viking. Has $\frac{3}{4}$ inch double-hexagon openings.

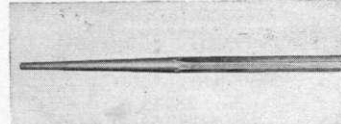
Price Dealers' Net.....\$1.00

No. T50 - Special Tool for adjusting Zenith carburetor jets. Openings $\frac{5}{16}$ inch and $\frac{3}{8}$ inch.

Price Dealers' Net.....\$0.75

No. 2854 - Special Box Wrench for All-American Oakland, Pontiac and Chrysler "4" cylinder starter cap screws. Has $\frac{3}{8}$ inch double-hexagon opening.

Price Dealers' Net.....\$0.95



**No. 8385 - 8386
(Silico-Manganese Steel)**

No. 8386. $\frac{5}{8}$ inch stock, $\frac{5}{8}$ inch point 15 inch length.....\$1.50

No. 8385. $\frac{3}{4}$ inch stock, $\frac{5}{8}$ inch point 18 inch length.....\$2.25

BONNEY 'CV' Chrome-Vanadium Wrenches

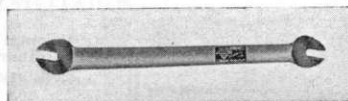
'CV' Chrome-Vanadium Brake Wrenches



No. 2534

Designed for Chrysler Cars, $3\frac{1}{16}$ inches long, $\frac{5}{8}$ inch opening, head $\frac{1}{16}$ inch thick.

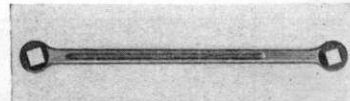
Price Dealers' Net.....\$0.60



No. 2561

Specially designed for Bendix Brake Eccentric $\frac{3}{16}$ inch and $\frac{1}{4}$ inch openings.

Price Dealers' Net.....\$1.20



No. 2857

For Brake Adjusting on Ford A and AA. $\frac{1}{16}$ inch and $\frac{1}{2}$ inch square openings.

Price Dealers' Net.....\$1.05



Nos. 2535 - 2535A

No. 2535 for Dodge cars, $\frac{1}{4}$ inch opening. No. 2535A for Hupmobile, 1926-27, $\frac{3}{4}$ inch opening.

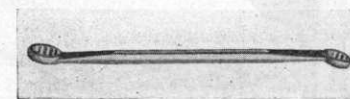
Price Dealers' Net.....\$0.95



No. 2566

Bendix Brake Tool for Bendix Brakes as used on Hudson and Essex cars.

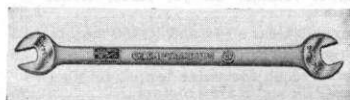
Price Dealers' Net.....\$0.45



No. 2862

Used to adjust anchor bolts on Bendix Brakes. Length, $15\frac{5}{8}$ inches. Double-hexagon openings $\frac{1}{16}$ inch and $\frac{1}{8}$ inches.

Price Dealers' Net.....\$2.20



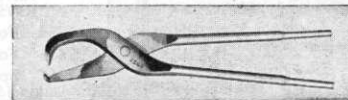
Long Engineers' Wrenches

for brake adjustment, spring clips, etc.

No. 1731AL. Length 15 inches, thickness $\frac{3}{8}$ inch, openings $\frac{3}{4}$ inch and $\frac{1}{2}$ inch \$2.50

No. 1735L. Length 16 inches, thickness $\frac{1}{2}$ inch, openings 1 inch and $1\frac{1}{8}$ inch \$3.35

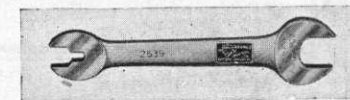
No. 1034AL. Length 16 inches, thickness $\frac{1}{2}$ inch, openings $1\frac{1}{16}$ inch and $1\frac{1}{8}$ inch \$3.35



No. 2583

Brake Spring Plier designed to remove and replace internal brake springs on all cars except Fords.

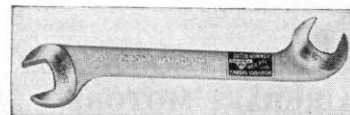
Price Dealers' Net.....\$2.25



No. 2539-2539A

For Bendix Brakes. Openings, small end $\frac{1}{4}$ inch and $\frac{1}{2}$ inch, large end $\frac{3}{4}$ inch. No. 2539A same as No. 2539 except openings $\frac{3}{8}$ inch and $\frac{1}{2}$ inch and $\frac{1}{8}$ inch respectively.

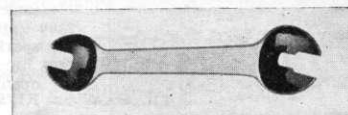
Price Dealers' Net.....\$1.20



Nos. 2526 - 2537

No. 2537 opening $\frac{1}{2}$ " on $22\frac{1}{2}$ " end, $\frac{3}{16}$ " on 60° end. No. 2538 opening $\frac{5}{16}$ " on $22\frac{1}{2}$ " end, $\frac{1}{2}$ " on 60° end. No. 2526 opening $\frac{5}{8}$ " on $22\frac{1}{2}$ " end, $\frac{3}{8}$ " on 60° end. No. 2526A opening $\frac{3}{4}$ " on $22\frac{1}{2}$ " end, $\frac{3}{16}$ " on 60° end. No. 2526B opening $1\frac{1}{16}$ " on $22\frac{1}{2}$ " end, $1\frac{1}{16}$ " on 60° end. $6\frac{1}{4}$ " long, heads $\frac{1}{16}$ " thick.

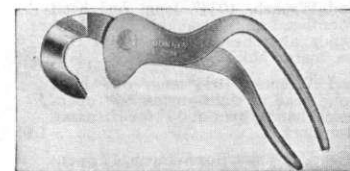
Price Dealers' Net.....\$0.95



No. 1721BR

For Bendix Brake Eccentric Adjustment openings $\frac{1}{4}$ " and $\frac{3}{16}$ " on one end, $\frac{5}{16}$ " on the other end. Length $4\frac{1}{2}$ inches.

Price Dealers' Net.....\$0.35



No. 2581

For all Steel Draulic Brakes. Overall length $5\frac{1}{2}$ inches.

Price Dealers' Net.....\$1.35



No. 37 BRAKE SET

The No. 37 Set contains one each of twelve wrenches as follows: Nos. 2534, 2526, 2537, 2538, 2561, 2535, 2535A, 2857, 2103, 1731AL, 1034AL, 1735L suitable for brake adjustments on a large number of makes of cars and trucks.

Prices Dealers' Net

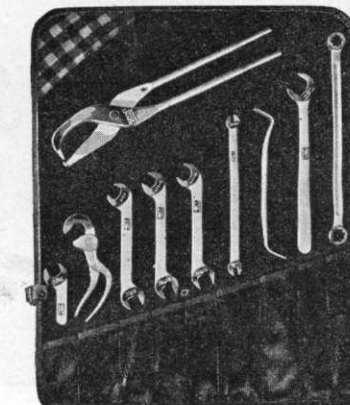
In Cardboard Box.....\$15.95
In Leatherette Roll.....17.10

No. 38 BRAKE SET

The No. 38 Bonney Brake Wrench Set is especially suitable for making adjustments on modern braking systems. It contains one each of the following Brake Wrenches, Nos. 2526, 2526A, 2526B, 2534, 2535, 2561, 2857, Brake Pliers Nos. 2581 and 2583 and Brake Tool No. 2566.

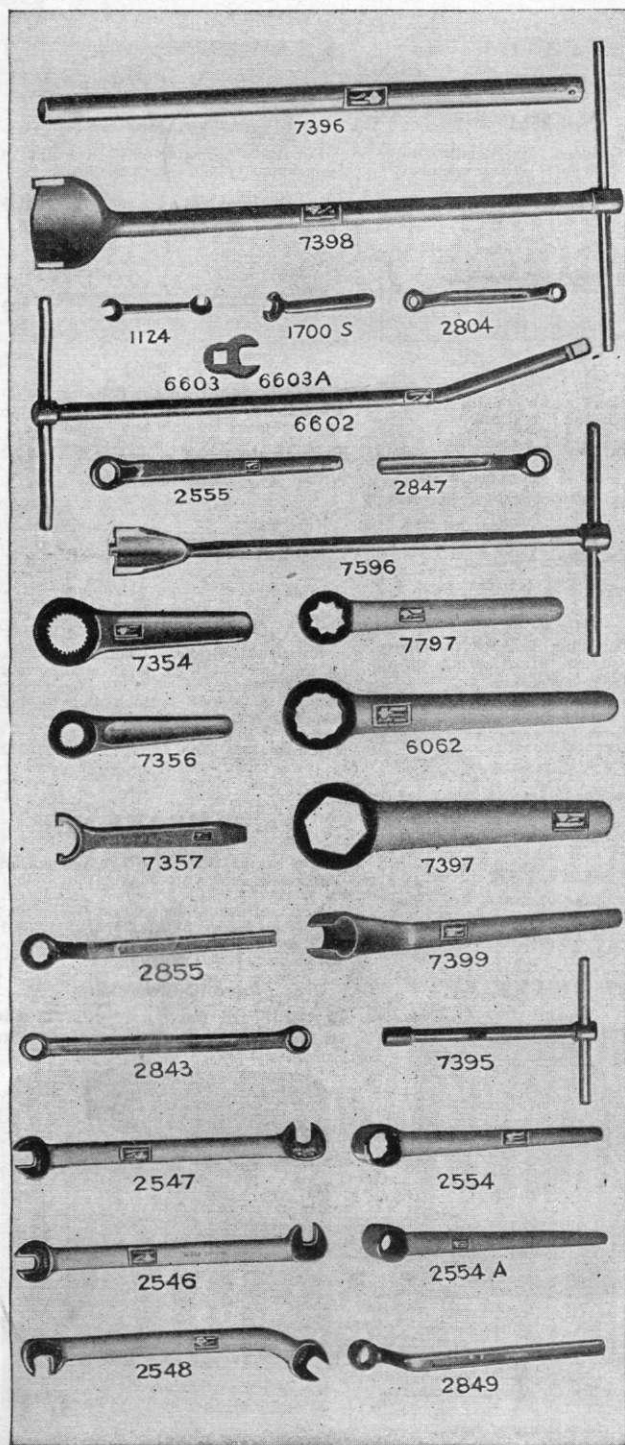
Prices Dealers' Net

In Cardboard Box.....\$ 9.60
In Leatherette Roll.....10.30



Bonney Forge and Tool Works..Allentown, Pa.

'CV' Chrome-Vanadium Aircraft Wrenches



WRIGHT MOTORS

Wrench Number	Dealers' Net
7396 18" x 1/8" Bar, for propeller hub nut on J6 and R975 motors.....	\$1.50
7398 T Handle Spanner Wrench for intake manifold packing nut on R1750 motors.....	3.75
1124 Open-end Wrench, 3/8" opening, heads at 80° and 15°, for rocker box clamp nut, for J5, J6, R1750 motors.....	.55
1700S Single-end Wrench, 1/2" opening for carburetor nut on R1750 motor.....	.45
2804 Short Double Hex. Box Wrench, 3/8" x 1/8" openings for valve adjusting screw-lock-screw.....	.70
6602 T Handle for use with crowfoot attachments Nos. 6603 and 6603A.....	1.50
6603 Open-end Crowfoot attachment with 3/8" opening. For cylinder stud nut on Wright Cyclone motors.....	.65
6603A Open-end Crowfoot attachment with 3/8" opening for cylinder stud nut on Wright J6 motors.....	.65
2555 Single Head, 1 1/2" Offset, 12-point Box Wrench, 1 1/4" opening for B. G. Hornet Spark Plugs on J5 and R975 motors.....	1.35
7596 T Handle Spanner Wrench, 17" long, for valve tappet retainer on J6, R540, R760, R975 motors.....	2.80
7354 For Magneto Gear on J5 and R1750 motors.....	2.95
7356 For Magneto Gear on J6 motors.....	2.65
7357 Spanner Wrench for valve tappet retainer on J5, J6, R975, and R1750 motors.....	.95
2855 Double Hex. Box Wrench, 1 1/4" opening for pressure relief valve body, J6 motor.....	1.45
7797 8-point Box Wrench, 1" opening, for carburetors on J5 and R1750 motors.....	2.05
6062 Double Hex. Box Wrench, 1 1/2" opening, for cam drive gear shaft lock nut, R1750 motor..	2.15
7397 Thin Hex. Box Wrench, 2" opening for impeller retainer nut on R1750 motors.....	2.25
7399 12-point Offset Wrench, 1" opening, for spark plugs on J6 motors.....	1.85
7395 T Handle, 12-point Socket 7" long, 1/4" opening, for rocker box clamp nut on J5 and R1750 motors.....	1.70

MISCELLANEOUS WRENCHES for AIRCRAFT MOTORS

Wrench Number	Dealers' Net
2847 Short, Single Head Offset Box Wrench, 5 1/2" long, 3/8" opening.....	\$1.20
2843 Double Head, 12-point Box Wrench, no offset, 1 1/4" opening for Fairchild-Caminez motors.....	1.30
2546 Open-end Wrench, 10 1/2" long, one head straight, one head at right-angle, 1/4" opening both ends, and offset at one end for Hispano-Suiza motor block.....	1.85
2547 Open-end Wrench, 10 1/2" long, one head straight, one head at right-angles, 1/4" opening both ends, and offset at one end for Hispano-Suiza motor block.....	1.85
2548 Open-end Wrench, 10 1/2" long, one head straight, one head at right-angles, 1/4" opening both ends, handle bent at 35° for Hispano-Suiza motor block.....	1.85
2554 Single Head, 12-point Box Wrench, 1" opening, for AC Metric spark plugs.....	1.50
2554A Single Head, 12-point Box Wrench, 3/4" opening, for new type AC Metric spark plugs.....	1.50
2849 Single Head, 1 3/4" Offset, 12-point Box Wrench, 1 1/4" opening for B. G. Hornet spark plugs.....	1.45

BONNEY 'CV' Chrome-Vanadium Wrenches

'CV' Chrome-Vanadium Aircraft Wrenches

PRATT and WHITNEY MOTORS

Wrench Number	Dealers' Net
------------------	-----------------

6886 Offset Socket Wrench with an $\frac{1}{16}$ " double-hex. opening. Designed to remove and replace B. G. spark plugs on Pratt and Whitney motors.\$0.95

6947 Spanner Wrench for $2\frac{3}{4}$ ", 12 thread packing nut on Pratt and Whitney motors.90

T-6 and T-16 Combination Double-Hex. Socket, with one $\frac{1}{2}$ " opening and T handle 18 inches long. For oil sump nut and intake stud nut on Pratt and Whitney motors. 1.60

CURTISS MOTORS

Wrench Number	Dealers' Net
------------------	-----------------

T-6 and T-7 Crowfoot Open-end T Handle Wrench, $\frac{3}{8}$ " opening, 18" long, for nuts at bottom of cylinder hold down rods. OX5 motors.\$1.85

7252 T Handle Socket, 18" long, $\frac{1}{16}$ " hex. opening for cylinder base nuts. 1.50

7253 T Handle Socket 18" long, $\frac{1}{2}$ " hex. opening for cylinder base nuts. 1.50

7254 T Handle Socket, 18" long, $\frac{3}{16}$ " hex. opening for cylinder base nuts. 1.50

7599 T Handle Socket, 12" long, $\frac{5}{16}$ " hex. opening for wrist pin set screw OX5 motors.95

7945 Spanner for Front Thrust Bearing on OX5 motors. 1.50

2558 Double-end Spanner Wrench for inside water pump packing nut. OX5 motors. 1.50

2545 Single-end Spanner Wrench for outside water pump packing nut. OX5 motors.60

WARNER-SCARAB MOTORS

Wrench Number	Dealers' Net
------------------	-----------------

7750 Sliding T Handle, 12" long, with 2 detachable sockets, $\frac{3}{16}$ " and $\frac{1}{2}$ " double hex. openings\$1.85

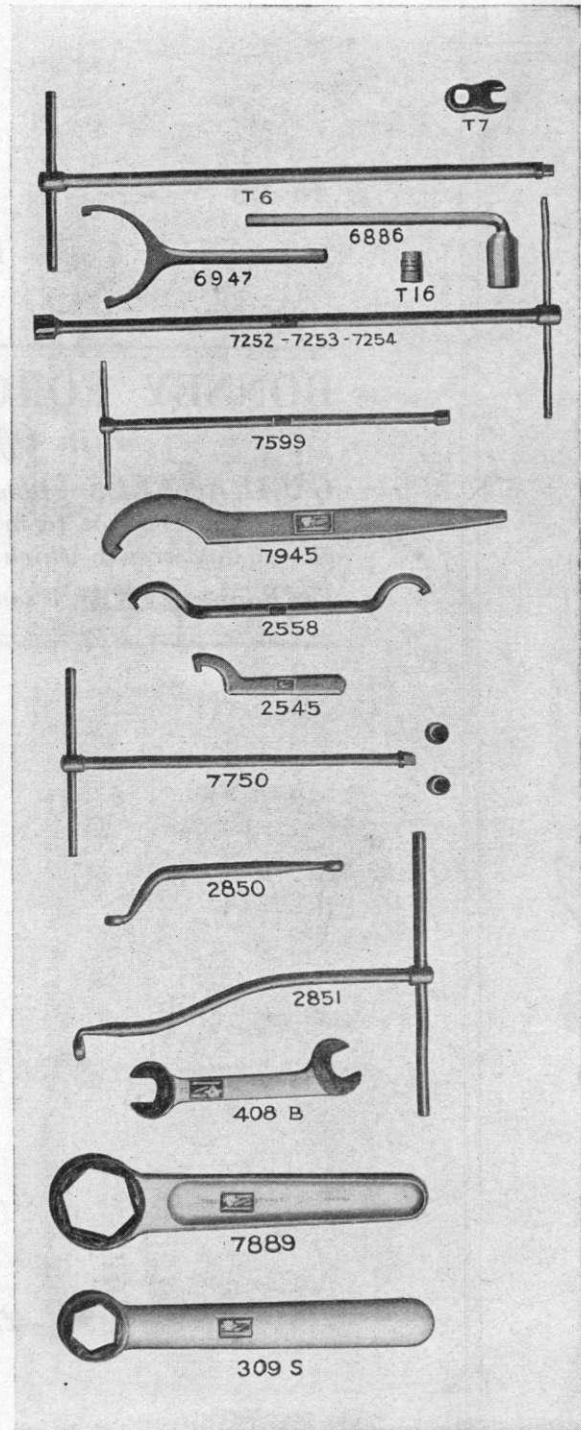
2850 Double-Hex. Offset Box Wrench, $\frac{1}{2}$ " openings 1.20

2851 Double-Hex., Crowfoot, Box Wrench, $\frac{1}{2}$ " opening, 12" long, with sliding T handle, for cylinder base nuts 1.85

408B Thin Double-end Wrench, $\frac{1}{16}$ " x 1" openings, one head straight and one at $22\frac{1}{2}^\circ$80

7889 Hex. Box Wrench, $2\frac{1}{4}$ " opening, for propeller hub nut on Warner-Scarab or Wright J5 motors 1.90

309S Hex. Box Wrench, $1\frac{1}{16}$ " opening for propeller hub nut on Warner-Scarab or for Wright J5 propeller hub-inner nut 1.20



BONNEY FORGE *and* TOOL WORKS

Main Office... Allentown, Pa.

GUARANTEES—Bonney 'CV' Chrome-Vanadium Wrenches are guaranteed not to break or spread. We will replace free of charge any wrench which does not stand up to this guarantee.

For Bonney ZENEL Wrenches we say write your own guarantee.
